FEDERAL ITEM IDENTIFICATION GUIDE

SHAFT COLLARS AND HUB CLAMPS

This Reprint replaces FIIG A231A, dated December 5, 2008.

Commander

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BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

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GENERAL INFORMATION

1. Purpose and Scope

This Federal Item Identification Guide (FIIG) is a self-contained document for the collection, coding, transmittal, and retrieval of item characteristics and related supply management data for an item of supply for logistical use. This FIIG is to be used to describe items of supply identified by the index of approved item names appearing in this section.

2. Contents

This FIIG is comprised of the following:

Index of Approved Item Names Covered by this FIIG
Applicability Key Index
Section I - Item Characteristics Data Requirements
Section III - New text that should be here.
Appendix A - Reply Tables
Appendix B - Reference Drawing Groups (as applicable)
Appendix C - Technical Data Tables (as applicable)

a. Index of Approved Item Names Covered by this FIIG:

The index lists the approved item names with definitions and item name codes as they appear in Cataloging Handbook H6, applicable to this FIIG. In addition, each name entry is assigned an applicability key for use in relating the characteristics requirements in Section I to the specific item name.

b. Applicability Key Index:

The purpose of this index is to provide the user with a ready reference for determining the specific requirements which are applicable to a given approved item name. This index lists all requirements in sequence as they appear in the FIIG. The applicability of a Master Requirement Coded requirement is indicated by the column headed by the specific item name applicability key as follows:

(1) The letter "X" indicates the requirement must be answered for a full descriptive item.

(2) The letters "AR" indicate the requirement is to be answered as required by (1) instructional notes within the FIIG; (2) when the reply is predicated on replies to a related main requirement; or (3) when an asterisk (*) is used in conjunction with the applicability key column in Section I.

(3) A blank in the column indicates the requirement is not applicable to the specific item name.

c. Section I - Item Characteristics Data Requirements:

This section contains the physical and performance characteristics requirements needed to describe and identify an item of supply. These characteristics differentiate one item from all other items of supply and are to be used to meet the needs of all supported functions. This section is arranged in columns. Identification of each column and instructions pertinent thereto are as follows:

(1) Applicability Key:

The first column shows the applicability key(s) for each requirement. It indicates whether the requirement need be satisfied for the item being identified. "ALL" indicates that the requirement must be answered for all items covered by the FIIG. One or more alphabetic character(s) or group of one or more alphabetic characters indicates a response is required when describing items with an approved item name or names represented by the key(s). An asterisk (*) used in conjunction with any applicability key indicates that the characteristic stated in the requirement may not be applicable to all items covered by the FIIG.

(2) Master Requirement Codes (MRC):

A four-position code which is assigned to a FIIG requirement for identification of the requirement, cross-referencing requirements in the various sections and appendices of the FIIG, and for mechanized processing and retrieval of FIIG generated data. Absence of a MRC for a requirement indicates a lead-in to requirements with individual MRCs in Appendix B.

(a) The coding technique for providing MULTIPLE/OPTIONAL responses will not be used for a Section I requirement assigned Mode Code A or L that leads to Appendix B sketches with dimensional requirements.

(b) Identified Secondary Address Coding:

This technique is for extending the Master Requirement Code so that a unique address is provided for each application of the requirement in relation to the item and is authorized only as instructed within the requirement. Responses coded through this technique will always consist of the following: (1) Master Requirement Codes, (2) indicator code (a single numeric character determined by the number of positions contained), (3) identified secondary address code (1 to 3-digit alphabetic codes determined by the number of predicted replies), (4) the mode code, (5) the reply code and/or clear text response, and (6) end with a record separator (*). Steps (1) through (6) are repeated for each application of the requirement.

(c) AND/OR coding:

A technique for extending the Master Requirement Code to provide a distinctive address for multiple responses to the same requirement. Responses coded through this technique will always consist of (1) Master Requirement Code, (2) mode code, (3) the response or reply code (as instructed by the requirement), (4) a single dollar sign ($) for an OR condition, or a double dollar sign ($$) for an AND condition, (5) the mode code, (6) the response or reply code

(followed by conditions (4) through (6) for each of the multiple responses) and (7) end with a record separator (*). NOTE: Apply this technique only when instructed by the requirement sample reply (e.g.).

(3) Mode Code:

A one-position alphabetic code that specifies the manner in which a response will be prepared. Each requirement assigned a MRC is also assigned a mode code. Sample replies follow each FIIG requirement displaying the proper construction of a response for the assigned mode code. The response to a requirement will always be prepared in accordance with the assigned mode code and sample reply except in the following instances:

(a) Use of E Mode Code replies is not authorized. If a reply needed to describe an item is not listed in the applicable table, contact the FIIG Initiator.

(b) Mode Code K may not be used for any requirement unless instructed by the requirement instructions.

(4) Requirement:

This portion includes the characteristics data elements and data use identifiers required to identify and differentiate one item of supply from another, narrative definitions, and explanations as to use and method of expression. Instructions for coding and preparing replies are also provided.

(5) Reply Code:

A code that represents an established authorized reply to a requirement.

d. Section III - Supplementary Technical and Supply Management Data:

This section includes those characteristics requirements necessary to support specific logistics functions other than National Stock Number assignment.

e. Appendix A - Reply Tables:

Tables of authorized replies to requirements and reply codes when the tables are too lengthy for inclusion in Section I/III, when applicable.

f. Appendix B - Reference Drawings:

This appendix contains representative illustrations which portray specific variations of one or more generic characteristics. If reference drawings contain requirements pages to be used in conjunction with illustrations for dimensioning purposes, the requirements pages will contain Master Requirement Codes, mode codes, and a statement of the requirement. A response to requirements on a requirements page is necessary only for those Master Requirement Codes applicable to the illustration selected.

g. Appendix C - Technical Data Tables:

This appendix contains conversion charts and similar data pertinent to the requirements in Section I/III, when applicable.

3. Enter administrative MRC CLQL immediately following the last FIIG requirement reply, as instructed below:

MRC	Mode Code	Requirement	Example
CLQL	G	COLLOQUIAL NAME (common usage name by which an item is known)	CLQLGWOVEN WIRE CLOTH*

4. Special Instructions and Indicator Definitions

a. Measurements:

Unless otherwise indicated within a requirement example, enter all measurements in decimal form, carried to the nearest three decimal places, with a minimum of one digit preceding the decimal. For SI (metric), enter all measurements with a minimum of one digit before and after the decimal. For fraction to decimal conversion, see Appendix C.

b. Indicators:

A cross hatch (#) following an AIN, MRC, Reply Code or Drawing Number indicates for "ALL EXCEPT USA" use only.

5. Indexes

a. Index of Data Requirements

This index is arranged in alphabetic sequence by Master Requirement Code, cross-referenced to the applicable data requirement and page number(s).

b. Index of Approved Item Names

This index is arranged in alphabetic sequence referenced to Applicability Key.

c. Applicability Key Index

This index is arranged in Applicability Key Sequence.

6. Maintenance

Requests for revisions and other changes will be directed to:

Index of Master Requirement Codes

INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

Approved Item Name	INC	App Key

Clamp

1. (Mechanical) A device which by rigid compression, holds a piece or part in position, or retains units in close proximity or parts in alignment. Its compression quality is derived from an integral screw mechanism, or screws, bolts, or similar mechanical fasteners. Excludes BRACKET (as modified); CLIP (as modified); HOLDER (as modified); RETAINER (as modified); and STRAP, RETAINING.

CLAMP (1), HUB	27781	A

An item designed to be mounted around the extended hub portion of a gear, wheel, or the like, to retain it securely to a shaft by compressing the slotted hub body. The item may also be used to clamp around a shaft, or the like, to prevent end motion or to retain it in position. Its compression quality is derived from a screw(s) or bolt(s) which may be part of the item of supply. For items designed to secure directly to a shaft by use of setscrews, pins, or the like, see COLLAR, SHAFT. Excludes CLAMP, LOOP.

COLLAR, SHAFT	13743	B

An item designed to be mounted around a shaft to limit axial movement of the shaft and/or its assembled parts. It is secured directly to the shaft by use of a setscrew(s), pin(s), or the like, which may be part of the item of supply. A pilot hole drilled in or through the wall(s) for drilling and pinning at application may be considered a method of securing. Solid items have a bearing surface on one or both end(s) perpendicular to the axis. For items designed to be mounted around the extended hub portion of a mounted item on a shaft or clamp around a shaft, see CLAMP, HUB. See also BEARING, SLEEVE; BUSHING, SLEEVE; SPACER, SLEEVE; and COUPLING, SHAFT, RIGID.

COLLAR, TORQUE, LANDING GEAR	49874	B

A metallic item of circular-shaped design with open center area to permit positioning over a shock strut cylinder or piston. It must have one or more mounting bosses to provide for attachment of torque arm(s), connecting link(s), or the like for desired directional control of the aircraft wheels. This device is utilized for both nose and main landing gear applications.

APPLICABILITY KEY INDEX

	A	B
NAME	X	X
MATL	X	X
SURF	AR	AR
STYL	X	X
ABGG	AR	AR
ABHP	AR	AR
ABKV	AR	AR
ABMK	AR	AR
ABNM	AR	AR
ABPH	AR	AR
ABXV	AR	AR
AEUY	AR	AR
AEUZ	AR	AR
AHYK	AR	AR
AATE	AR	AR
CSFN	AR	AR
AHYF		AR
AHYG		AR
CQKB		AR
CRZW		AR
CRLR		AR
CQZD		AR
CSFB		AR
CQBP		AR
CRWB		AR
CQTP		AR
ACYD		AR
CQNY		AR
CSMJ		AR
AHYJ	X	
AAWY	AR	
AAWZ	AR	
ADCQ	AR	
AJYP	AR	
CQJX	AR	
CMLP	AR	
CQQR	AR	
AEVC		AR
AEVG		AR
ABLJ		AR
AEVD		AR
AEVE		AR
AEVJ		AR
ABLM		AR
AEVF		AR
AEVH	AR	
ENAC	AR	AR
BDPK	AR	AR

FEAT	AR	AR
TEST	AR	AR
SPCL	AR	AR
ZZZK	AR	AR
ZZZT	AR	AR
ZZZW	AR	AR
ZZZX	AR	AR
ZZZY	AR	AR
CRTL	AR	AR
PRPY	AR	AR
ELRN	AR	AR
ELCD	AR	AR
PKWT	AR	AR
BBRG	AR	AR
AFJQ	AR	AR
CBME	AR	AR
TMQY	AR	AR
ZZZP	AR	AR
PRMT	AR	AR
PMWT	AR	AR
PMLC	AR	AR
SUPP	AR	AR
ZZZV	AR	AR
AGAV	AR	AR
PKQT	AR	AR
EXQT	AR	AR
SUWT	AR	AR
ECWT	AR	AR
SUCB	AR	AR
EXME	AR	AR
CXCY	AR	AR

SECTION I

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME
			Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.
			Reply Instructions: Enter the applicable Item Name Code appearing in the Index of Approved Item Names. (e.g., NAMED27781*)
ALL			
	MATL	D	MATERIAL
			Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.
			Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., MATLDST0000*; MATLDST1291$DST1295*; MATLDST1291$$DST1295*)
ALL*			
	SURF	D	SURFACE TREATMENT
			Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS A SURFACE.
			Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., SURFDAN0005*; SURFDAN0000$$DAN0009*)
ALL			
	STYL	L	STYLE DESIGNATOR
			Definition: THE STYLE DESIGNATION INDICATING THE CONFIGURATION THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE ITEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable reference drawing group designator, followed by the applicable style number from Appendix B , Reference Drawing Group A or B. (e.g., STYLLA1*)

ALL*

CSFN J SURFACE FINISH AND LOCATION

Definition: DESIGNATES THE SPECIFIC ROUGHNESS RATING REPRESENTING THE ARITHMETIC AVERAGE DEVIATION OF THE SURFACE FROM THE MEANLINE IN PROFILE, AND ITS LOCATION ON THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. For multiple locations, use AND ($$) Coding. (e.g., CSFNJBAAD32; CSFNJBLBF125$$JBABF32$$JBSBF125)*

Table 1

REPLY CODE	REPLY (AE86)
B	MICROINCHES
M	MICROMETERS
C	MICRONS

Table 2

REPLY CODE	REPLY (AN73)
BBF	BOTH BEARING FLATS
NPF	INSIDE PERIPHERY
LBF	LARGEST BEARING FLAT
LAP	LARGEST OUTSIDE PERIPHERY
WBF	ONE BEARING FLAT
ABF	OPPOSITE BEARING FLAT
APF	OUTSIDE PERIPHERY
AAD	OVERALL
SBF	SMALLEST BEARING FLAT
SAP	SMALLEST OUTSIDE PERIPHERY

B*

AHYF A SECURING HOLE QUANTITY

Definition: THE NUMBER OF HOLES PROVIDED FOR SECURING THE ITEM IN A FIXED POSITION.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the quantity. (e.g., AHYFA2*)

NOTES FOR MRCS AHYG AND CQKB: IF TWO OR MORE IS ENTERED FOR MRC AHYF, REPLY TO MRC AHYG. IF A REPLY IS ENTERED FOR MRC AHYF, REPLY TO MRC CQKB.

B* (See Note Above)

AHYG B ANGLE BETWEEN CENTERLINES OF SECURING HOLES IN DEG

Definition: A MEASUREMENT OF THE AMOUNT OF TURNING NECESSARY TO BRING ONE HOLE INTO COINCIDENCE WITH ANOTHER, EXPRESSED IN DEGREES.

Reply Instructions: Enter the numeric value. If the collar contains two or more equally spaced holes, enter one reply. If more than two unequally spaced holes, use AND ($$)Coding entering smallest angle first and progress in a clockwise direction. (e.g.AHYGB90.0; AHYGB60.0*)*

B* (See Note Preceding MRC AHYG)

CQKB H SECURING HOLE TYPE AND LOCATION

Definition: INDICATES THE TYPE OF SECURING HOLE AND LOCATION.

Reply Instructions: Enter the applicable Reply Codes from the table below and Appendix A , Table 6, respectively. See Appendix B, Reference Drawing Group C for determining hole type. (e.g., CQKBHDSNH*; CQKBHEAHL*)

If with multiple holes of different types and/or sizes, enter replies in Appendix A, Table 6 sequence beginning with the 1st hole and progressing in a clockwise direction, using and ($$) Coding. (e.g.; CQKBHDAFA$$HEAFB8)

Determine 1st hole as follows:

The hole type conforming to the entry closest to the top of the table of replies below will be described as the 1st hole.

If holes are of the same type, the smallest hole will be described as the 1st hole.

Reply to each MRC listed as applicable to hole type. Enter multiple replies in Appendix A, Table 6 sequence.

REPLY	REPLY (AB68)	APPLICABLE MRCs

APP Key	MRC	Mode Code	Requirements	
		CODE		
		F	TAPER PIN PILOT	CSMJ
		D	TREADED	CQBP, CRWB
		G	THREADED - COUNTERBORED	CRLR, CQZD, CQBP, CRWB
		H	THREADED - COUNTERSUNK	CSFB, CQBP, CRWB, CQNY
		E	UNTHREADED	CRZW
		J	UNTHREADED - COUNTERSUNK	CRZW, CSFB, CQNY

NOTE FOR MRCS CRZW, CRLR, CQZD, AND CSFB: IF MULTIPLE HOLES OF DIFFERENT SIZE ARE SPECIFIED, ENTER REPLIES TO THESE MRCS USING AND ($$) CODING FOR EACH LOCATION.

B* (See Note Above)

CRZW J HOLE DIAMETER AND LOCATION

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A HOLE, AND TERMINATES AT THE INSIDE CIRCUMFERENCE, AND THE LOCATION.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below and Appendix A , Table 6, respectively, followed by the numeric value. (e.g. CRZWJAAAHL0.1242; CRZWJLAAHL0.6*; CRZWJABAHL0.1242$$JACAHL0.1255*; CRZWJABAFA0.1242$$JACAFA0.1244*; CRZWJABAFB0.3120$$JACAFB0.3125*)*

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

B* (See Note Preceding MRC CRZW)

CRLR J COUNTERBORE DIAMETER AND LOCATION

APP Key	MRC	Mode Code	Requirements

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A COUNTERBORE, AND TERMINATES AT THE INSIDE CIRCUMFERENCE, AND THE LOCATION.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below and Appendix A , Table 6, respectively, followed by the numeric value. (e.g. CRLRJAAAHL0.1242; CRLRJLAAHL0.3*; CRLRJABAHL0.1242$$JACAHL0.1255*; CRLRJABAFA0.1242$$JACAFA0.1255*; CRLRJABAFB0.3120$$JACAFB0.3125*)*

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

B* (See Note Preceding MRC CRZW)

CQZD J COUNTERBORE DEPTH AND LOCATION

Definition: A MEASUREMENT BETWEEN SPECIFIED POINTS OF A COUNTERBORE AND THE LOCATION.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below and Appendix A , Table 6, respectively, followed by the numeric value. (e.g. CQZDJAAAHL0.1242; CQZDJLAAHL0.8*; CQZDJABAHL0.1242$$JACAHL0.1255*; CQZDJABAFA0.1242$$JACAFA0.1255*; CQZDJABAFB0.3120$$JACAFB0.3125*)*

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements

B* (See Note Preceding MRC CRZW)

CSFB J COUNTERSINK MAJOR DIAMETER AND LOCATION

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF THE LARGEST DIMENSION OF A COUNTERSINK, AND TERMINATES AT THE INNER CIRCUMFERENCE, AND THE LOCATION.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below and Appendix A , Table 6, respectively, followed by the numeric value. (e.g. CSFBJAAAHL0.1242; CSFBJLAAHL0.4*; CSFBJABAHL0.1242$$JACAHL0.1255*; CSFBJABAFA0.1242$$JACAFA0.1255*; CSFBJABAFB0.3120$$JACAFB0.3125*)*

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

B* (See Note Above)

CQBP H SCREW THREAD SERIES DESIGNATOR AND LOCATION

Definition: A DESIGNATION DISTINGUISHING ONE GROUP OF SCREW THREAD DIAMETER-PITCH COMBINATIONS FROM ANOTHER BY THE NUMBER OF THREADS PER MEASUREMENT SCALE FOR A SPECIFIC DIAMETER, AND THE THREAD LOCATION.

Reply Instructions: Enter the applicable Reply Codes from Appendix A , Table 6 and the table below, respectively. (e.g. CQBPHSNHNP; CQBPHAFANC*; CQBPHAFBNE*)*

REPLY CODE	REPLY (AH06)
NP	NPT
UN	UN
NC	UNC

APP Key	MRC	Mode Code	Requirements
		NE	UNEF
		NF	UNF

B* (See Note Preceding MRC CQBP)

CRWB J NOMINAL THREAD SIZE AND LOCATION

Definition: A DESIGNATION THAT IS USED FOR THE PURPOSE OF GENERAL IDENTIFICATION OF THE THREAD AND THE LOCATION.

Reply Instructions: Enter the applicable Reply Codes from the table below and Appendix A , Table 6, respectively, followed by the numeric value. (e.g. CRWBJASNH0.125; CRWBJLSNH0.5*; CRWBJAAFA0.125*; CRWBJAAFB0.138*)*

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

NOTE FOR MRC CQTP: IF Reply Code UN IS ENTERED FOR MRC CQBP, REPLY TO MRC CQTP.

B* (See Notes Above and Preceding MRC CQBP)

CQTP J SCREW THREAD QUANTITY PER INCH AND LOCATION

Definition: THE NUMBER OF SCREW THREADS ON THE ITEM PER LINEAR INCH, INCLUDING INCOMPLETE THREADS, ON A LINE PARALLEL TO THE THREAD AXIS, AND THE THREAD LOCATION.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 6, followed by the total number of threads per inch. (e.g. CQTPJSNH20; CQTPJAFA30*; CQTPJAFB28*)*

B*

ACYD J THREAD PITCH IN MILLIMETERS AND LOCATION

Definition: THE DISTANCE BETWEEN CORRESPONDING POINTS ON TWO ADJACENT THREADS MEASURED PARALLEL TO THE THREAD AXIS, EXPRESSED IN MILLIMETERS, AND THE THREAD LOCATION.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 6, followed by the numeric value. (e.g. ACYDJSNH1.0)*

B* (See Note Preceding MRC CQBP)

CQNY J COUNTERSUNK HOLE ANGLE IN DEG AND LOCATION

Definition: THE COUNTERSUNK HOLE ANGLE, EXPRESSED IN DEGREES, AND THE LOCATION.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 6, followed by the numeric value. (e.g. CQNYJSNH90.0; CQNYJAFA90.0*; CQNYJAFB85.0*)*

B* (See Note Preceding MRC CQBP)

CSMJ H TAPERED PIN SIZE ACCOMMODATED AND LOCATION

Definition: DESIGNATES THE SIZE OF THE TAPERED PIN THAT THE ITEM IS DESIGNED TO ACCOMMODATE AND THE LOCATION.

Reply Instructions: Enter the applicable Reply Codes from Appendix A , Tables 4 and 6, respectively. (e.g. CSMJHAGSNH; CSMJHAGAFA*; CSMJHAJAFB*)*

A

AHYJ L CLAMP SECURING HOLE STYLE

Definition: THE STYLE DESIGNATION INDICATING A CONFIGURATION THAT MOST NEARLY CORRESPONDS TO THE HOLE(S) PROVIDED FOR SECURING THE CLAMP.

Reply Instructions: Enter the applicable style number from Appendix B , Reference Drawing Group D. (e.g., AHYJL2*)

B*

AEVC A KEY QUANTITY

Definition: THE NUMBER OF KEYS CONTAINED IN OR ON THE ITEM.

Reply Instructions: Enter the quantity of integral keys. (e.g., AEVCA2*)

APP Key	MRC	Mode Code	Requirements

NOTE FOR MRCS AEVG, ABLJ AND AEVD: IF THE REPLY TO MRC AEVC IS TWO, REPLY TO MRC AEVG. IF A REPLY IS ENTERED FOR MRC AEVC, REPLY TO MRCS ABLJ AND AEVD.

B* (See Note Above)

AEVG B KEY SPACING IN DEG

Definition: A MEASUREMENT OF THE AMOUNT OF TURNING NECESSARY TO BRING ONE KEY INTO COINCIDENCE WITH ANOTHER, EXPRESSED IN DEGREES.

Reply Instructions: Enter the numeric value. (e.g., AEVGB180.0*)

B* (See Note Preceding MRC AEVG)

ABLJ J INTERNAL STRAIGHT KEY WIDTH

Definition: THE MEASUREMENT FROM ONE FLAT SURFACE OF THE KEY TO THE OPPOSITE FLAT SURFACE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABLJJAA0.062*; ABLJJLA0.5*; ABLJJAB0.060$$JAC0.063*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

B* (See Note Preceding MRC AEVG)

AEVD J DISTANCE FROM CENTER OF BORE TO TOP OF KEY

Definition: THE DISTANCE FROM THE CENTER OF THE BORE TO THE TOP OF THE KEY(s).

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AEVDJAA1.500*; AEVDJLA1.0*; AEVDJAB1.495$$JAC1.505*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

B*

AEVE A KEYWAY QUANTITY

Definition: THE NUMBER OF KEYWAYS CONTAINED IN OR ON THE ITEM.

Reply Instructions: Enter the quantity of integral keyways. (e.g., AEVEA1*)

NOTE FOR MRCS AEVJ, ABLM, AND AEVF: IF THE REPLY TO MRC AEVE IS TWO REPLY TO MRC AEVJ. IF A REPLY IS ENTERED FOR MRC AEVE, REPLY TO MRCS ABLM AND AEVF.

B* (See Note Above)

AEVJ B KEYWAY SPACING IN DEG

Definition: A MEASUREMENT OF THE AMOUNT OF TURNING NECESSARY TO BRING ONE KEYWAY INTO COINCIDENCE WITH ANOTHER, EXPRESSED IN DEGREES.

Reply Instructions: Enter the numeric value. (e.g., AEVJB180.0*)

B* (See Note Preceding MRC AEVJ)

ABLM J INTERNAL KEYWAY WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN INTERNAL KEYWAY, IN DISTINCTION FROM THICKNESS.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABLMJAA0.125*: ABLMJLA2.0*; ABLMJAB0.123$$JAC0.127*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

B* (See Note Preceding MRC AEVJ)

AEVF J DISTANCE FROM CENTER OF BORE TO BOTTOM OF KEYWAY

Definition: THE DISTANCE FROM THE CENTER OF THE BORE TO THE BOTTOM OF THE KEYWAY(S).

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AEVFJAA1.250*; AEVFJLA0.8*; AEVFJAB1.245$$JAC1.255*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

A*

AEVH D BALANCE TYPE

APP Key	MRC	Mode Code	Requirements

Definition: INDICATES THE TYPE OF BALANCE THAT HAS BEEN APPLIED TO THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AEVHDB*)

REPLY CODE	REPLY (AG83)
B	DYNAMIC
C	STATIC

NOTE FOR MRC ENAC: ANSWERING THIS MRC WILL GENERATE AN ENAC CODE IN THE ITEM IDENTIFICATION SEGMENT (A) OF THE NSN.

ALL* (See Note Above)

ENAC D ENVIRONMENTAL ATTRIBUTE CODE

Definition: INDICATES THE TYPE OF PRODUCT THAT MEETS OR EXCEEDS THE GOVERNMENT GUIDELINES FOR ENVIRONMENTALLY PREFERRED CHARACTERISTICS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ENACDJG*)

See Volume 10, Table 194, FLIS Procedures Manual, DOD 4100.39-M to determine if a reply below pertains to the item.

REPLY CODE	REPLY (EN02)
JG	ASBESTOS ALTERNATIVE PRODUCTS

NOTE FOR MRC BDPK: IF REPLY CODE JG WAS ENTERED FOR MRC ENAC, REPLY TO MRC BDPK.

ALL* (See Note Above)

BDPK J ASBESTOS CONTENT PERCENTAGE

Definition: THE ASBESTOS CONTENT OF THE ITEM, EXPRESSED IN PERCENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BDPKJA0.1*; BDPKJB1.5$$JC1.6*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

FEAT G SPECIAL FEATURES

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., FEATGADJUSTABLE NOSE CLIP*; FEATGADJUSTABLE NOSE PIECE; DISPOSABLE*)

ALL*

TEST J TEST DATA DOCUMENT

Definition: THE SPECIFICATION, STANDARD, DRAWING, OR SIMILAR INSTRUMENT THAT SPECIFIES ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS OR TEST CONDITIONS UNDER WHICH AN ITEM IS TESTED AND ESTABLISHES ACCEPTABLE LIMITS WITHIN WHICH THE ITEM MUST CONFORM IDENTIFIED BY AN ALPHABETIC AND/OR NUMERIC REFERENCE NUMBER. INCLUDES THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE ENTITY CONTROLLING THE INSTRUMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the 5-position CAGE Code, a dash, and the document identification number.

(e.g., TESTJA12345-CWX654321*;

TESTJA1234A-654321$$JB5556A-663654*;

TESTJAA2345-654321$JB55566-663654*)

REPLY CODE	REPLY (AC28)
A	SPECIFICATION (Includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs,

APP Key	MRC	Mode Code	Requirements
			industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical," "average," "nominal," etc.)
		B	STANDARD (Includes industry or association standards, individual manufacturer standards, etc.)
		C	DRAWING (This is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard, or other document that may be referenced in a basic governing drawing)

ALL*

SPCL G SPECIAL TEST FEATURES

Definition: TEST CONDITIONS AND RATINGS, OR ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS THAT ARE DIFFERENT, MORE CRITICAL, OR MORE SPECIFIC THAN THOSE SPECIFIED IN A GOVERNING TEST DATA DOCUMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SPCLGSELECTED AND TESTED FOR NAVIGATIONAL SYSTEMS*)

ALL*

ZZZK J SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

(e.g., ZZZKJT81337-30642B*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/*;

APP Key	MRC	Mode Code	Requirements

ZZZKJP80205-NAS1103*;

ZZZKJS81349-MIL-C-1140C/CE/*;

ZZZKJT81337-30642B$$JP80205-NAS1103*)

REPLY CODE	REPLY (AN62)
S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
B	NATIONAL STD/SPEC
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION
P	PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

NOTE FOR MRC ZZZT: IF THE SPECIFICIATION/STANDARD CITED IN REPLY TO MRC ZZZK IS NONDEFINITIVE, REPLY TO MRC ZZZT. THIS REPLY IS THE DATA WHICH IS NOT RECORDED IN SEGMENT C.

ALL* (See Note Above)

ZZZT J NONDEFINITIVE SPEC/STD DATA

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 5, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1*; ZZZTJTY1$$JSTA*; ZZZTJTY1$JSTA*)

ALL*

ZZZW G DEPARTURE FROM CITED DOCUMENT

APP Key	MRC	Mode Code	Requirements

Definition: THE TECHNICAL DIFFERENTIATING CHARACTERISTIC(S) OF AN ITEM OF SUPPLY WHICH DEPART(S) FROM THE TEXT OF A SPECIFICATION OR A STANDARD IN THAT IT REPRESENTS A SELECTION OF CHARACTERISTICS STATED IN THE SPECIFICATION OR STANDARD AS BEING OPTIONAL, OR A VARIATION FROM ONE OR MORE OF THE STATED CHARACTERISTICS, OR AN ADDITIONAL CHARACTERISTIC NOT STATED IN THE SPECIFICATION OR STANDARD.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZWGAS MODIFIED BY MATERIAL*)

ALL*

ZZZX G DEPARTURE FROM CITED DESIGNATOR

Definition: THE VARIATION WHEN THE ITEM IS IN CONFORMITY WITH A TYPE DESIGNATOR COVERED BY A SPECIFICATION OR STANDARD, EXCEPT IN REGARD TO ONE OR MORE TECHNICAL DIFFERENTIATING CHARACTERISTICS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZXGAS MODIFIED BY MATERIAL*)

ALL*

ZZZY G REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS

Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*)

ALL*

CRTL A CRITICALITY CODE JUSTIFICATION

Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAMATL*; CRTLAMATL$$ASURF*)

Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.

NOTE FOR MRC PRPY: IF DOCUMENT AVAILABILITY CODE B, D, F, OR H, REPLY TO MRC PRPY.

ALL* (See Note Above)

PRPY A PROPRIETARY CHARACTERISTICS

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding ($$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAMATL$$ASURF*)

ALL*

ELRN G EXTRA LONG REFERENCE NUMBER

Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g., ELRNGANN112036BIL060557LEN313605UZ62365*).

If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480 ANN112036BIL060557LEN313605UZ62365 & S1234 NN112036BIL060557LEN313605UZ62365).

APP Key	MRC	Mode Code	Requirements

In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.

ALL*

ELCD D EXTRA LONG CHARACTERISTIC DESCRIPTION

Definition: A DESCRIPTION THAT EXCEEDS 5000 CHARACTERS.

Reply Instructions: Enter the Reply Code from the table below. (e.g., ELCDDA*)

REPLY CODE	REPLY (AN58)
A	ADDITIONAL DESCRIPTIVE DATA ON MANUAL RECORD

SECTION III

APP Key	MRC	Mode Code	Requirements

ALL

PKWT J UNPACKAGED UNIT WEIGHT

Definition: THE MEASURED WEIGHT OF AN ITEM UNENCUMBERED BY PACKAGING OR PACKING MATERIAL.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., PKWTJLB2.50*; PKWTJKG1.0*)

REPLY CODE	REPLY (AN75)
KG	KILOGRAMS
LB	POUNDS

ALL

APP Key	MRC	Mode Code	Requirements
	BBRG	D	STORAGE TYPE

Definition: INDICATES THE TYPE OF STORAGE SPACE REQUIRED FOR AN ITEM IN ORDER TO PROVIDE THE DEGREE OF PROTECTION NECESSARY TO MAINTAIN SERVICEABILITY STANDARDS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBRGDAW*; BBRGDAB$$DAF*)

REPLY CODE	REPLY (AM81)
AB	ABOVE GROUND MAGAZINE
AT	DOCK LEVEL HEATED WAREHOUSE
AX	DOCK LEVEL UNHEATED WAREHOUSE
AS	GROUND LEVEL HEATED WAREHOUSE
AW	GROUND LEVEL UNHEATED WAREHOUSE
AF	IGLOO MAGAZINE
AG	IMPROVED OPEN
AR	SHED
AK	UNIMPROVED OPEN

ALL

	AFJQ	J	STORAGE TEMP RANGE

Definition: THE MINIMUM AND MAXIMUM TEMPERATURES AT WHICH AN ITEM CAN BE STORED WITHOUT DETRIMENTAL EFFECT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric values separated by a slash mark. Precede negative values (below zero degrees) with the letter M, and positive values (above zero) with the letter P. (e.g., AFJQJFM32.0/P50.0.*; AFJQJCM1.0/P16.0*)

REPLY CODE	REPLY (AB36)
C	DEG CELSIUS
F	DEG FAHRENHEIT

ALL

	CBME	J	CUBIC MEASURE

APP Key	MRC	Mode Code	Requirements

Definition: A MEASUREMENT OF VOLUME TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE HEIGHT OF AN ITEM AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., CBMEJCF1.0219*; CBMEJCM0.1*)

REPLY CODE	REPLY (AN76)
CF	CUBIC FEET
CM	CUBIC METERS

ALL

TMQY J FURNISHED ITEMS AND QUANTITY

Definition: THE NAME AND NUMBER OF THOSE PARTS FURNISHED WITH THE ITEM OF SUPPLY THAT HAVE NOT BEEN SPECIFIED ELSEWHERE.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 3, followed by the quantity. (e.g., TMQYJABR2*; TMQYJABR2$$JABW2*)

ALL

ZZZP J PURCHASE DESCRIPTION IDENTIFICATION

Definition: THE CONTROLLING ACTIVITY AND IDENTIFICATION OF A DOCUMENT USED IN LIEU OF A SPECIFICATION IN THE PROCUREMENT OF AN ITEM OF SUPPLY.

Reply Instructions: Enter the 5-position Commercial and Government Entity (CAGE) code, followed by a dash and the identifying number of the document.

(e.g., ZZZPJ81337-30624A*)

ALL

PRMT D PRECIOUS MATERIAL

Definition: IDENTIFICATION OF THE PRECIOUS MATERIAL CONTAINED IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., PRMTDAGA000*; PRMTDAUA000$$DAGA000*; PRMTDAGA000$DAUA000*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (MA01)
AUA000	GOLD
IRA000	IRIDIUM
AZA000	OSMIUM
PDA000	PALLADIUM
PTA000	PLATINUM
RHA000	RHODIUM
RTA000	RUTHENIUM
AGA000	SILVER

ALL

PMWT J PRECIOUS MATERIAL AND WEIGHT

Definition: AN INDICATION OF THE PRECIOUS MATERIAL CONTAINED IN THE ITEM, AND THE AMOUNT PER A MEASUREMENT SCALE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. Enter multiple replies in Table 1 sequence. (e.g., PMWTJPTA000R0.780*; PMWTJAUA000F0.500$$JAGA000R0.780*)

Table 1

REPLY CODE	REPLY (MA01)
AUA000	GOLD
IRA000	IRIDIUM
AZA000	OSMIUM
PDA000	PALLADIUM
PTA000	PLATINUM
RHA000	RHODIUM
RTA000	RUTHENIUM
AGA000	SILVER

Table 2

REPLY CODE	REPLY (AG14)
E	GRAINS, TROY
R	GRAMS
F	OUNCES, TROY

ALL

PMLC J PRECIOUS MATERIAL AND LOCATION

APP Key	MRC	Mode Code	Requirements

Definition: AN INDICATION OF THE PRECIOUS MATERIAL AND ITS LOCATION IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the location in clear text. (e.g., PMLCJAUA000TERMINALS*; PMLCJAUA000TERMINALS$$JAGA000INTERNAL SURFACES*; PMLCJAGA000TERMINALS$JAUA000INTERNAL SURFACES*)

REPLY CODE	REPLY (MA01)
AUA000	GOLD
IRA000	IRIDIUM
AZA000	OSMIUM
PDA000	PALLADIUM
PTA000	PLATINUM
RHA000	RHODIUM
RTA000	RUTHENIUM
AGA000	SILVER

ALL

SUPP G SUPPLEMENTARY FEATURES

Definition: CHARACTERISTICS OR QUALITIES OF AN ITEM, NOT COVERED IN ANY OTHER REQUIREMENT, WHICH ARE CONSIDERED ESSENTIAL INFORMATION FOR ONE OR MORE FUNCTIONS EXCLUDING NSN ASSIGNMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SUPPGMAY INCL HOLE IN UPPER SUPPORT FOR MTG DURING SHIPMENT*)

ALL

ZZZV G FSC APPLICATION DATA

Definition: THE JUSTIFICATION FOR THE ASSIGNMENT OF A FEDERAL SUPPLY CLASS (FSC) TO AN ITEM BASED ON THE CLASSIFICATION OF THE NEXT HIGHER CLASSIFIABLE ASSEMBLY.

Reply Instructions: Enter the name of the next higher classifiable assembly. (e.g., ZZZVGFUEL SYSTEM, GASOLINE ENGINE, NONAIRCRAFT*)

ALL

AGAV G END ITEM IDENTIFICATION

APP Key	MRC	Mode Code	Requirements

Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.

Reply Instructions: Enter the applicable reply in clear text.

(e.g., AGAVG3930-00-000-0000*;

AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A*)

ALL

PKQT A INTERMEDIATE PACKAGE QUANTITY

Definition: THE NUMBER OF WRAPS, BOXES, OR BUNDLES, WHICH CONTAINS TWO OR MORE UNITS OF ISSUE, PLACED INSIDE AN EXTERIOR CONTAINER.

Reply Instructions: Enter the quantity. (e.g., PKQTA24*)

ALL

EXQT A EXTERIOR CONTAINER QUANTITY

Definition: THE NUMBER OF UNITS OF ISSUE PLACED INSIDE THE EXTERIOR CONTAINER.

Reply Instructions: Enter the quantity. (e.g., EXQTA2*)

ALL

SUWT J UNIT OF ISSUE WEIGHT

Definition: THE MEASURED WEIGHT OF THE ACTUAL CONTAINER(S) OR SUPPORTING DEVICE(S) WHICH IS IN DIRECT CONTACT WITH THE ITEM AND ITS CONTENTS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., SUWTJLB4.50*; SUWTJKG2.04*)

REPLY CODE	REPLY (AN75)
KG	KILOGRAMS
LB	POUNDS

ALL

APP Key	MRC	Mode Code	Requirements
	ECWT	J	EXTERIOR CONTAINER WEIGHT

Definition: THE MEASURED WEIGHT OF THE EXTERIOR CONTAINER.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ECWTJLB8.00*; ECWTJKG3.63*)

REPLY CODE	REPLY (AN75)
KG	KILOGRAMS
LB	POUNDS

ALL

	SUCB	J	UNIT OF ISSUE CUBE

Definition: A MEASUREMENT OF VOLUME TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE HEIGHT OF THE UNIT OF ISSUE AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., SUCBJCF9.00*; SUCBJCM1.50*)

REPLY CODE	REPLY (AN76)
CF	CUBIC FEET
CM	CUBIC METERS

ALL

	EXME	J	EXTERIOR CONTAINER CUBIC MEASURE

Definition: A MEASUREMENT OF VOLUME TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE HEIGHT OF THE EXTERIOR CONTAINER AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., EXMEJCF12.00*; EXMEJCM36.75*)

REPLY CODE	REPLY (AN76)
CF	CUBIC FEET
CM	CUBIC METERS

APP Key	MRC	Mode Code	Requirements
ALL			
	CXCY	G	PART NAME ASSIGNED BY CONTROLLING AGENCY

Definition: THE NAME ASSIGNED TO THE ITEM BY THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE DESIGN OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., CXCYGLINE PROCESSOR CONTROL BOARD*)

Reply Tables

Table 1 - MATERIALS

MATERIALS

REPLY CODE	REPLY (AD09)
AL0390	ALUMINIM ALLOY, QQ-A-250/11, ALLOY 6061, T651
AL0000	ALUMINUM ALLOY
AL0005	ALUMINUM ALLOY, AMS 4120
AL0031	ALUMINUM ALLOY, QQ-A-200/3, ALLOY 2024
AL0202	ALUMINUM ALLOY, QQ-A-200/3, ALLOY 2024, T4
AL0203	ALUMINUM ALLOY, QQ-A-200/3, ALLOY 2024, T42
AL0200	ALUMINUM ALLOY, QQ-A-200/3, ALLOY 2024,T3510
AL0036	ALUMINUM ALLOY, QQ-A-200/8, ALLOY 6061
AL0490	ALUMINUM ALLOY, QQ-A-200/8, ALLOY 6061, T6
	Aluminum Alloy, QQ-A-200/8, Alloy 6062, T6 (use Reply Code AL0490)
AL0242	ALUMINUM ALLOY, QQ-A-200/11, ALLOY 7075, T6
AL0250	ALUMINUM ALLOY, QQ-A-200/13, ALLOY 7178, 0
AL0269	ALUMINUM ALLOY, QQ-A-225/3, ALLOY 2011, T3
AL0046	ALUMINUM ALLOY, QQ-A-225/5, ALLOY 2017
AL0276	ALUMINUM ALLOY, QQ-A-225/5, ALLOY 2017, T4
AL0047	ALUMINUM ALLOY, QQ-A-225/6, ALLOY 2024
AL0280	ALUMINUM ALLOY, QQ-A-225/6, ALLOY 2024, T4
AL0281	ALUMINUM ALLOY, QQ-A-225/6, ALLOY 2024, T6
AL0279	ALUMINUM ALLOY, QQ-A-225/6, ALLOY 2024, T351
AL0048	ALUMINUM ALLOY, QQ-A-225/7, ALLOY 5052
AL0284	ALUMINUM ALLOY, QQ-A-225/7, ALLOY 5052, H32
AL0049	ALUMINUM ALLOY, QQ-A-225/8, ALLOY 6061
AL0290	ALUMINUM ALLOY, QQ-A-225/8, ALLOY 6061, T4
AL0293	ALUMINUM ALLOY, QQ-A-225/8, ALLOY 6061, T6
AL0294	ALUMINUM ALLOY, QQ-A-225/8, ALLOY 6061, T651
AL0289	ALUMINUM ALLOY, QQ-A-225/8, ALLOY 6061, 0
AL0296	ALUMINUM ALLOY, QQ-A-225/9, ALLOY 7075, T6
AL0326	ALUMINUM ALLOY, QQ-A-250/3, ALLOY 2014, T6
AL0053	ALUMINUM ALLOY, QQ-A-250/4, ALLOY 2024
AL0332	ALUMINUM ALLOY, QQ-A-250/4, ALLOY 2024, T3

REPLY CODE	REPLY (AD09)
AL0334	ALUMINUM ALLOY, QQ-A-250/4, ALLOY 2024, T4
AL0137	ALUMINUM ALLOY, QQ-A-250/6
AL0054	ALUMINUM ALLOY, QQ-A-250/6, ALLOY 5083
AL0656	ALUMINUM ALLOY, QQ-A-250/6, ALLOY 5083, T4
AL0387	ALUMINUM ALLOY, QQ-A-250/11, ALLOY 6061, T6
AL0393	ALUMINUM ALLOY, QQ-A-250/12, ALLOY 7075, T6
AL0398	ALUMINUM ALLOY, QQ-A-250/13, ALLOY ALCLAD 7075, T6
	Aluminum Alloy, QQ-A-268 - CANCELED (use Reply Code AL0047)
	Aluminum Alloy, QQ-A-268, T4 - CANCELED (use Reply Code AL0280)
	Aluminum Alloy, QQ-A-277, T6 - CANCELED (use Reply Code AL0242)
	Aluminum Alloy, QQ-A-315 - CANCELED (use Reply Code AL0048)
	Aluminum Alloy, QQ-A-325, Temper 6 - CANCELED (use Reply Code AL0293)
	Aluminum Alloy, QQ-A-325, T4 - CANCELED (use Reply Code AL0290)
	Aluminum Alloy, QQ-A-351, Alloy 2017, T4 - CANCELED (use Reply Code AL0276)
	Aluminum Alloy, QQ-A-351, Bar Temper T4 - CANCELED (use Reply Code AL0276)
	Aluminum Alloy, QQ-A-351 - CANCELED (use Reply Code AL0046)
	Aluminum Alloy, QQ-A-354 - CANCELED (use Reply Code AL0047)
	Aluminum Alloy, QQ-A-354, Cond T - CANCELED (use Reply Code AL0047)
AL0082	ALUMINUM ALLOY, QQ-A-430, ALLOY 6061
AL0184	ALUMINUM ALLOY, QQ-A-591
AL0931	ALUMINUM ALLOY, WW-T-700/3, T3, TYPE 1
AL0649	ALUMINUM ALLOY, WW-T-700/6, TYPE 1
ALA000	ALUMINUM BRONZE
AL0592	ALUMINUM BRONZE, AMS 4631
AL0693	ALUMINUM BRONZE, AMS 4640
AL1247	ALUMINUM BRONZE, MIL-B-15939, COMP 2
	Aluminum Bronze, QQ-B-679, Comp 1-CANCELED (use Reply Code CK0124)
AL0513	ALUMINUM BRONZE, QQ-C-465, ALLOY 606
ALC000	ALUMINUM
AL2080	ALUMINUM, B12H25B, GOSLIN ELECTRIC AND MFG CO
BC0000	BERYLLIUM COPPER
BC0080	BERYLLIUM COPPER, AMS 4890
BC0001	BERYLLIUM COPPER, QQ-C-530
BR0000	BRASS
BR0001	BRASS, AMS 4610
BR0074	BRASS, ASTM B16-60, 1/2H
BR0044	BRASS, MIL-B-994, COMP A-CANCELED
BR0419	BRASS, MIL-T-20168
	Brass, Naval, MIL-B-994 (use Reply Code BR0044)
BR0076	BRASS, QQ-B-613, ALLOY 230, 1/2H
BR0083	BRASS, QQ-B-613, ALLOY 260, 1/2H
BR0088	BRASS, QQ-B-613, ALLOY 268, 1/4H
BR0095	BRASS, QQ-B-613, ALLOY 342, 1/2H
BR0436	BRASS, QQ-B-613, ALLOY 353
BR0104	BRASS, QQ-B-613, COMP 11, 1/2H
	Brass, QQ-B-613, Comp 24 (use Reply Code BR0436)
BR0048	BRASS, QQ-B-626
BR0109	BRASS, QQ-B-626, ALLOY 230, 1/2H

REPLY CODE	REPLY (AD09)
BR0114	BRASS, QQ-B-626, ALLOY 260, 1/2H
BR0117	BRASS, QQ-B-626, ALLOY 268, 1/2H
BR0188	BRASS, QQ-B-626, ALLOY 360
BR0124	BRASS, QQ-B-626, ALLOY 360, HARD
BR0155	BRASS, QQ-B-626, ALLOY 360, 1/2H
BR0628	BRASS, QQ-B-626, ALLOY 360, 1/4 HARD
BR0126	BRASS, QQ-B-626, ALLOY 377, 1/2H
BR0038	BRASS, QQ-B-626, COMP 11
BR0040	BRASS, QQ-B-626, COMP 11, 1/2H
	Brass, QQ-B-626, Comp 22 (use Reply Code BR0188)
	Brass, QQ-B-626, Comp 22, 1/2H (use Reply Code BR0155)
	Brass, QQ-B-626, Comp 22, 1/4H (use Reply Code BR0628)
BR0063	BRASS, QQ-B-637
BR0130	BRASS, QQ-B-637, ALLOY 462, 1/2H
BR0133	BRASS, QQ-B-637, ALLOY 464, 1/2H
	Brass, QQ-B-637, Comp 1 (use Reply Code BR0130)
BR0142	BRASS, QQ-B-639, ALLOY 462, 1/2H
BR0033	BRASS, SAE CA360
	Brass, SAE 40 (use Reply Code CK0898)
	Brass, SAE 64 (use Reply Code CK0900)
BR0036	BRASS, SAE 70B
BR0616	BRASS, SAE 72, 1/2H
BR0043	BRASS, WW-T-791, GRADE 2
BR0755	BRASS, 2430-1, WESTINGHOUSE ELECTRIC CORP, GENERAL HQ
BN0000	BRONZE
BN0011	BRONZE ALUMINUM, QQ-B-663
BM0021	BRONZE MANGANESE, MIL-B-16540, GRADE A
BN0148	BRONZE, MIL-B-5687, TYPE 1, COMP A
BN0262	BRONZE, QQ-B-728, CLASS A, 1/2 HARD
BN0251	BRONZE, QQ-B-750, COMP A, HARD
	Bronze, QQ-C-390, Alloy B5 (use Reply Code CK0022)
CK0000	COPPER ALLOY
CK0149	COPPER ALLOY, QQ-C-390, ALLOY A3
CK0022	COPPER ALLOY, QQ-C-390, ALLOY B5
CK0026	COPPER ALLOY, QQ-C-390, ALLOY D3
CK0028	COPPER ALLOY, QQ-C-390, ALLOY D5
CK0546	COPPER ALLOY, QQ-C-465, ALLOY 630
CK0124	COPPER ALLOY, QQ-C-465, ALLOY 642
CK0898	COPPER ALLOY, SAE CA836
CK0899	COPPER ALLOY, SAE CA932
CK0900	COPPER ALLOY, SAE CA937
	Copper Alloy, SAE 660 (use Reply Code CK0899)
FE0000	IRON
FEA000	IRON, CAST
FEC000	IRON, MALLEABLE
FE0010	IRON, QQ-I-666
NC0000	NICKEL COPPER ALLOY
NC0003	NICKEL-COPPER ALLOY, QQ-N-281, CLASS A

REPLY CODE	REPLY (AD09)
	Nickel Copper Alloy, QQ-N-286, Class A (use Reply Code NC0033)
NC0033	NICKEL COPPER ALUMINUM ALLOY, QQ-N-286, CLASS A
NC0034	NICKEL COPPER ALUMINUM ALLOY, QQ-N-286, CLASS B
PZ0000	PHOSPHOR BRONZE
PZ0003	PHOSPHOR BRONZE, QQ-B-750, COMP A
PZ0010	PHOSPHOR BRONZE, QQ-P-330, GRADE A-CANCELED
PZ0016	PHOSPHOR BRONZE, SAE 64
PC0000	PLASTIC
	Plastic, Acetal (use Reply Code PC0000)
PC0147	PLASTIC, L-P-509, TYPE 4, GRADE G-11
PCW000	PLASTIC, PHENOLIC
PC0041	PLASTIC, PHENOLIC, MIL-P-15035, TYPE FBE
PC0043	PLASTIC, PHENOLIC, MIL-P-15035, TYPE FBI
PC0045	PLASTIC, PHENOLIC, MIL-P-15047, TYPE NPG
PCAE00	PLASTIC, POLYAMIDE
ST0000	STEEL
ST8877	STEEL, AISI C12L14
STC490	STEEL, AISI W1
ST2444	STEEL, AMS 5022
ST3217	STEEL, AMS 5510, TYPE 321
STC489	STEEL, AMS 5545
ST1728	STEEL, AMS 5610
ST2016	STEEL, AMS 5640
ST1917	STEEL, AMS 5643
ST1797	STEEL, AMS 5645
ST2402	STEEL, AMS 6382
STC492	STEEL, AN-S-771, GRADE FMS, COND A
STC491	STEEL, ASTM A27, GRADE 65-30
ST1675	STEEL, ASTM A27, GRADE 70-36
ST8255	STEEL, BS160, TYPE 1, BEECH AIRCRAFT CORP
	Steel, Carbon (use Reply Code ST0000)
	Steel, Cast (use Reply Code ST0000)
STB000	STEEL, CORROSION RESISTING
ST9103	STEEL, EK126, EASTMAN KODAK CO
ST9101	STEEL, EK135, EASTMAN KODAK CO
ST9102	STEEL, EK155, EASTMAN KODAK CO
ST2024	STEEL, FED STD 66, AISI B1111
ST1933	STEEL, FED STD 66, AISI B1112, 1212/SAE 1112
ST1304	STEEL, FED STD 66, AISI B1113, 1213/SAE 1113
ST0616	STEEL, FED STD 66, AISI MT1010
ST0617	STEEL, FED STD 66, AISI MT1015
ST1290	STEEL, FED STD 66, AISI/SAE 1008
ST1291	STEEL, FED STD 66, AISI/SAE 1010
ST1928	STEEL, FED STD 66, AISI/SAE 1012
ST1292	STEEL, FED STD 66, AISI/SAE 1015
ST1293	STEEL, FED STD 66, AISI/SAE 1016
ST2018	STEEL, FED STD 66, AISI/SAE 1017
ST1294	STEEL, FED STD 66, AISI/SAE 1018

REPLY CODE	REPLY (AD09)
ST1929	STEEL, FED STD 66, AISI/SAE 1019
ST1930	STEEL, FED STD 66, AISI/SAE 1020
ST2019	STEEL, FED STD 66, AISI/SAE 1021
ST1931	STEEL, FED STD 66, AISI/SAE 1022
ST1295	STEEL, FED STD 66, AISI/SAE 1025
ST1297	STEEL, FED STD 66, AISI/SAE 1035
ST1298	STEEL, FED STD 66, AISI/SAE 1040
ST1299	STEEL, FED STD 66, AISI/SAE 1045
ST2169	STEEL, FED STD 66, AISI/SAE 1060
ST1726	STEEL, FED STD 66, AISI/SAE 1117
ST1727	STEEL, FED STD 66, AISI/SAE 1118
ST1310	STEEL, FED STD 66, AISI/SAE 1137
ST1311	STEEL, FED STD 66, AISI/SAE 1141
ST1335	STEEL, FED STD 66, AISI/SAE 4130
ST1341	STEEL, FED STD 66, AISI/SAE 4140
ST1356	STEEL, FED STD 66, AISI/SAE 4340
ST1358	STEEL, FED STD 66, AISI/SAE 4615
ST1366	STEEL, FED STD 66, AISI/SAE 4815H
ST1381	STEEL, FED STD 66, AISI/SAE 5147
ST1391	STEEL, FED STD 66, AISI/SAE 8620
ST1395	STEEL, FED STD 66, AISI/SAE 8630
ST1411	STEEL, FED STD 66, AISI/SAE 8740
ST1614	STEEL, FED STD 66, AISI 302/SAE 30302
ST1615	STEEL, FED STD 66, AISI 303/SAE 30303
ST1616	STEEL, FED STD 66, AISI 303SE/SAE 30303SE
ST1617	STEEL, FED STD 66, AISI 304/SAE 30304
ST1621	STEEL, FED STD 66, AISI 316/SAE 30316
ST1622	STEEL, FED STD 66, AISI 317/SAE 30317
ST1628	STEEL, FED STD 66, AISI 410/SAE 51410
ST1629	STEEL, FED STD 66, AISI 414/SAE 51414
ST1630	STEEL, FED STD 66, AISI 416/SAE 51416
ST1632	STEEL, FED STD 66, AISI 420/SAE 51420
ST1634	STEEL, FED STD 66, AISI 431/SAE 51431
ST2195	STEEL, FED STD 66, AISI 1215
ST1744	STEEL, FED STD 66, COMP C1213
ST6066	STEEL, FED STD 66, COMP MT1015
STC502	STEEL, FED STD 66, COMP 11L13
ST2724	STEEL, FED STD 66, SAE EV10
	Steel, Low Carbon (use Reply Code ST0000)
ST7588	STEEL, MIL-S-853, CLASS 6, TYPE C
ST3311	STEEL, MIL-S-853, CLASS 7, TYPE A
ST8366	STEEL, MIL-S-869, CLASS A
ST2030	STEEL, MIL-S-869, CLASS B
ST2031	STEEL, MIL-S-890, ALLOY NO. 2
ST1676	STEEL, MIL-S-890, CLASS AN
ST2028	STEEL, MIL-S-890, CLASS B
ST2027	STEEL, MIL-S-890, CLASS BS
ST2029	STEEL, MIL-S-890, CLASS C

REPLY CODE	REPLY (AD09)
ST3686	STEEL, MIL-S-5000, COMP 4340, COND C4
ST2481	STEEL, MIL-S-5000, COND F
STA185	STEEL, MIL-S-5059, COMP 301, ANNEALED
ST2598	STEEL, MIL-S-5626, COMP 4140
ST1840	STEEL, MIL-S-6758
	Steel, MIL-S-6758, Comp 4130, Cond D (use Reply Code ST1840)
	Steel, MIL-S-6758, Cond C4 (use Reply Code ST1840)
	Steel, MIL-S-6758, Cond D4 (use Reply Code ST1840)
	Steel, MIL-S-6758, SAE 4130 (use Reply Code ST1840)
ST2423	STEEL, MIL-S-7720
ST1640	STEEL, MIL-S-7720, COMP 302
ST3225	STEEL, MIL-S-7720, COMP 302, COND A
ST2391	STEEL, MIL-S-7720, COMP 302, COND B
	Steel, MIL-S-7720, Comp 303S (use Reply Code ST1767)
	Steel, MIL-S-7720, Comp 303SE (use Reply Code ST1768)
ST1643	STEEL, MIL-S-7720, COMP 316
ST2468	STEEL, MIL-S-16782-CANCELED
ST8463	STEEL, MIL-S-18729, COND A
ST3757	STEEL, MIL-S-20166
STA184	STEEL, MIL-S-22216, COMP IC-410, COND ANNEALED
STC447	STEEL, MIL-S-24093
ST8491	STEEL, MIL-T-5066, TYPE 2
ST8056	STEEL, MIL-T-5695, TYPE 1, COND 1/2 H
ST3682	STEEL, MIL-T-6736, TYPE 1, COND N
ST8993	STEEL, MIL-T-8606, TYPE 1
ST8734	STEEL, MIL-T-18291, CLASS W-12-CANCELED
STC503	STEEL, MIL-T-19081, CLASS 01
ST9955	STEEL, MIL-T-19081, CLASS 02
	Steel, QQ-A-763, Class 303 (use Reply Code ST1767)
ST1718	STEEL, QQ-S-624-CANCELED
ST1458	STEEL, QQ-S-624, COMP 4130-CANCELED
ST1841	STEEL, QQ-S-624, COMP 4150-CANCELED
	Steel, QQ-S-624, Comp 4150 (use Reply Code ST1841)
ST1479	STEEL, QQ-S-624, COMP 4620-CANCELED
ST1489	STEEL, QQ-S-624, COMP 5130-CANCELED
ST1515	STEEL, QQ-S-624, COMP 8630-CANCELED
ST1857	STEEL, QQ-S-624, COMP 8740-CANCELED
ST2033	STEEL, QQ-S-630-CANCELED
ST2373	STEEL, QQ-S-630, FS1018-CANCELED
ST3072	STEEL, QQ-S-630, GRADE C1020-CANCELED
ST2034	STEEL, QQ-S-631-CANCELED
ST1534	STEEL, QQ-S-631, COMP 1010-CANCELED
ST1537	STEEL, QQ-S-631, COMP 1018-CANCELED
	Steel, QQ-S-631, Comp 1018 (use Reply Code ST1537)
ST1695	STEEL, QQ-S-631, COMP 1020-CANCELED
ST1545	STEEL, QQ-S-634, COMP 1010-CANCELED
ST1548	STEEL, QQ-S-634, COMP 1018-CANCELED
ST1697	STEEL, QQ-S-634, COMP 1020-CANCELED

REPLY CODE	REPLY (AD09)
ST2640	STEEL, QQ-S-636, COND 4-CANCELED
ST2035	STEEL, QQ-S-637
ST2219	STEEL, QQ-S-637, B1113A
ST2220	STEEL, QQ-S-637, B1113B
ST2334	STEEL, QQ-S-637, COMP B1112
ST2335	STEEL, QQ-S-637, COMP B1113
ST1555	STEEL, QQ-S-637, COMP 1117
ST2582	STEEL, QQ-S-640, COMP FS1009-CANCELED
ST1720	STEEL, QQ-S-681, CLASS 65-35
ST0977	STEEL, QQ-S-698
ST0947	STEEL, QQ-S-698, COMP 1009
ST0948	STEEL, QQ-S-698, COMP 1015
ST8770	STEEL, QQ-S-698, COND CR, TEMPER 4
ST2032	STEEL, QQ-S-763
ST1646	STEEL, QQ-S-763, CLASS 302
ST2648	STEEL, QQ-S-763, CLASS 302, COND A
	Steel, QQ-S-763, Class 303, Cond A (use Reply Code ST1859)
	Steel, QQ-S-763, Class 303, Cond B (use Reply Code ST2394)
	Steel, QQ-S-763, Class 303SE, Cond A (use Reply Code ST1860)
ST1649	STEEL, QQ-S-763, CLASS 304
ST1839	STEEL, QQ-S-763, CLASS 304, COND A
ST1783	STEEL, QQ-S-763, CLASS 304, COND B
ST2509	STEEL, QQ-S-763, CLASS 305, COND A
ST1654	STEEL, QQ-S-763, CLASS 316
ST1660	STEEL, QQ-S-763, CLASS 410
	Steel, QQ-S-763, Class 416, Cond A (use Reply Code ST2436)
ST1787	STEEL, QQ-S-763, CLASS 416, COND H
	Steel, QQ-S-763, Class 416, Cond T (use Reply Code ST3775)
	Steel, QQ-S-763, Class 416 (use Reply Code ST1773)
	Steel, QQ-S-763, Class 416SE (use Reply Code ST1774)
	Steel, QQ-S-763, Cond A (use Reply Code ST1859)
ST2421	STEEL, QQ-S-764-CANCELED
	Steel, QQ-S-764, Type 302, Cond A (use Reply Code ST2648)
ST1767	STEEL, QQ-S-764, TYPE 303-CANCELED
ST1859	STEEL, QQ-S-764, TYPE 303, COND A-CANCELED
	Steel, QQ-S-764, Type 303, Cond Annealed (use Reply Code ST1859)
ST2394	STEEL, QQ-S-764, TYPE 303, COND B-CANCELED
ST1768	STEEL, QQ-S-764, TYPE 303SE-CANCELED
ST1860	STEEL, QQ-S-764, TYPE 303SE, COND A-CANCELED
ST1773	STEEL, QQ-S-764, TYPE 416-CANCELED
ST2436	STEEL, QQ-S-764, TYPE 416, COND A-CANCELED
ST2682	STEEL, QQ-S-764, TYPE 416, COND B-CANCELED
ST3775	STEEL, QQ-S-764, TYPE 416, COND T-CANCELED
ST1775	STEEL, QQ-S-764, TYPE 416 PLUS X-CANCELED
ST1774	STEEL, QQ-S-764, TYPE 416SE-CANCELED
ST2437	STEEL, QQ-S-764, TYPE 416SE, COND A-CANCELED
ST2545	STEEL, QQ-S-766
ST3250	STEEL, QQ-S-766, CLASS 301, COND A

REPLY CODE	REPLY (AD09)
ST1750	STEEL, QQ-S-766, CLASS 302
ST2673	STEEL, QQ-S-766, CLASS 302, COND A
ST2627	STEEL, QQ-S-766, CLASS 302, 304, 321 OR 347, COND A
ST2626	STEEL, QQ-S-766, CLASS 304, COND A
ST1764	STEEL, QQ-S-766, CLASS 420
STC493	STEEL, QQ-T-825, COMP 4130-CANCELED
STC494	STEEL, QQ-T-825, COMP 5130-CANCELED
STC495	STEEL, QQ-T-825, COMP 8630-CANCELED
ST8621	STEEL, QQ-T-830, COMP MT1015-CANCELED
STB277	STEEL, QQ-T-830, COMP 1022-CANCELED
STC366	STEEL, STM05-602, LOCKHEED-GEORGIA CO
STC501	STEEL, 46-S-18, GRADE 6, NAVAL SHIP SYSTEMS COMMAND
STC499	STEEL, 46-S-18, GRADE 6A, NAVAL SHIP SYSTEMS COMMAND
STC498	STEEL, 87-004-08, SPERRY GYROSCOPE DIV, SPERRY RAND CORP
STC497	STEEL, 8620L, DOUBLE A PRODUCTS CO
STC496	STEEL, 31011-01, CUMMINS ENGINE CO
TT0000	TITANIUM ALLOY
TL0063	TOOL STEEL, QQ-T-570, CLASS 01
ZN0014	ZINC ALLOY, SAE 903
ZN0210	ZINC ALLOY, SAE 905
ZN0015	ZINC ALLOY, SAE 925

Table 2 - SURFACE TREATMENTS

SURFACE TREATMENTS

REPLY CODE	REPLY (AD09)
AN0000	ANODIZED
	Anodized Black Enamel (use Reply Code AN0000)
AN0194	ANODIZED, F-20 3A, SINGER CO, THE SIMULATION PRODUCTS DIV
AN0002	ANODIZED, MIL-A-8625
AN0003	ANODIZED, MIL-A-8625, TYPE 1
AN0005	ANODIZED, MIL-A-8625, TYPE 1, CLASS 1
AN0006	ANODIZED, MIL-A-8625, TYPE 1, CLASS 2
AN0004	ANODIZED, MIL-A-8625, TYPE 2
AN0007	ANODIZED, MIL-A-8625, TYPE 2, CLASS 1
AN0008	ANODIZED, MIL-A-8625, TYPE 2, CLASS 2
AN0009	ANODIZED, MIL-A-8625, TYPE 3, CLASS 1
AN0035	ANODIZED, MIL-F-14072, FINISH E511
AN0032	ANODIZED, QQ-A-696
AN0195	ANODIZED 140-004, TYPE 2A, E-SYSTEMS INC, MELPAR DIV
AN0196	ANODIZED, 580-0008-00, COLLINS RADIO CO
BBT000	BLACK DYE
BA0000	BLACK OXIDE
BA0041	BLACK OXIDE, KI-F-500, TYPE 2, GRADE 1, SINGER CO, THE KEARFOTT DIV
BA0008	BLACK OXIDE, MIL-C-13924
BA0002	BLACK OXIDE, MIL-C-13924, CLASS 1

REPLY CODE	REPLY (AD09)
BA0003	BLACK OXIDE, MIL-C-13924, CLASS 2
BA0012	BLACK OXIDE, MIL-C-13924, CLASS 4
BA0007	BLACK OXIDE, MIL-F-13924, CLASS 1, GRADE A
	Black Oxide, 57-0-2, Type 3, Class A, Grade 1 (use Reply Code BA0002)
	Bright Alloy Plated (use Reply Code NFP000)
NFP000	BRIGHT ALLOY
CD0000	CADMIUM
CDD000	CADMIUM, DICHROMATE TREATED
CD0344	CADMIUM, F-2 3A, SINGER CO, THE SIMULATION PRODUCTS DIV
CD0345	CADMIUM, F-2 3B, SINGER CO, THE SIMULATION PRODUCTS DIV
CD0343	CADMIUM, LS20351, TYPE 1, CLC, LEAR SIEGLER INC, INSTRUMENT DIV
CD0026	CADMIUM, MIL-F-14072, FINISH M262
CD0346	CADMIUM, MPR 1201-5, NAVAL AIR ENGINEERING CENTER
CD0015	CADMIUM, QQ-P-416
CD0004	CADMIUM, QQ-P-416, TYPE 1, CLASS 1
CD0005	CADMIUM, QQ-P-416, TYPE 1, CLASS 2
CD0006	CADMIUM, QQ-P-416, TYPE 1, CLASS 3
CD0007	CADMIUM, QQ-P-416, TYPE 2, CLASS 1
CD0008	CADMIUM, QQ-P-416, TYPE 2, CLASS 2
CD0009	CADMIUM, QQ-P-416, TYPE 2, CLASS 3
CD0010	CADMIUM, QQ-P-416, TYPE 3, CLASS 1
CD0347	CADMIUM, 25AA03, WESTINGHOUSE ELECTRIC CORP, GENERAL HQ
CLA000	CHEMICAL FILM
CL0021	CHEMICAL FILM, C190000121, SINGER CO, THE KEARFOTT DIV
	Chromate Coated (use Reply Code CN0000)
CN0000	CHROMATE
	Chromate, MIL-C-5441, Class 3 (use Reply Code CN0021)
CN0010	CHROMATE, MIL-C-5541
CN0027	CHROMATE, MIL-C-5541, CLASS 1A
CN0021	CHROMATE, MIL-C-5541, CLASS 3
CH0001	CHROME, MIL-F-14072
CH0002	CHROME, MIL-F-14072, TYPE 1
	Chrome Plated (use Reply Code CR0000)
CR0000	CHROMIUM
CR0002	CHROMIUM, QQ-C-320, CLASS 1, TYPE 2
CU0000	COPPER
EN0000	ENAMEL
EN0019	ENAMEL, TT-E-529
AUB000	GOLD PLATE OR SILVER PLATE
AU0064	GOLD PLATED, MIL-F-14072
GF0000	GRAPHITE
MM0000	IMMUNIZED
LQ0000	LACQUER
NF0000	NICKEL
NFK000	NICKEL BRASS
NF0047	NICKEL, MIL-F-14072
NF0039	NICKEL PLATED, MIL-F-14072, M352

REPLY CODE	REPLY (AD09)
	Nickel Plated (use Reply Code NF0000)
NF0001	NICKEL, QQ-N-290
NF0030	NICKEL, QQ-N-290, TYPE 5
	Oxide, Film, MIL-C-5541, Class 1A (use Reply Code CN0027)
	Oxide Film, MIL-C-5541, Class 3 (use Reply Code CN0021)
	Oxide Film, MIL-C-5541 (use Reply Code CN0010)
PN0129	PAINT, MIL-STD-171, 20.5
PN0013	PAINT, PRIMER, TT-P-636
PN0000	PAINTED
PS0000	PASSIVATED
PSA000	PASSIVATED AND DICHROMATE TREATED
PS0025	PASSIVATED, BM86, THE BENDIX CORP, COMMUNICATIONS DIV
PS0029	PASSIVATED, CAP-177, CHICAGO AERIAL INDUSTRIES, INC
PS0332	PASSIVATED, CE394, CURTISS-WRIGHT CORP, EAST PATERSON FACILITY
PS0333	PASSIVATED, FINISH 29, SPERRY GYROSCOPE DIV, SPERRY RAND CORP
PS0039	PASSIVATED, KPS51-200, KOLLSMAN INSTRUMENT CORP
PS0041	PASSIVATED, LA010-006, NORTH AMERICAN ROCKWELL CORP, AUTONETICS DIV
PS0020	PASSIVATED, MIL-F-14072
PS0008	PASSIVATED, MIL-F-14072, FINISH E300
PS0001	PASSIVATED, MIL-F-14072, FINISH E300, TYPE 1
PS0002	PASSIVATED, MIL-F-14072, FINISH E300, TYPE 2
PS0003	PASSIVATED, MIL-S-5002
PS0011	PASSIVATED, MIL-STD-171
PS0009	PASSIVATED, MIL-STD 171, FINISH NO. 5.4.1
PS0329	PASSIVATED, MPDS 3524, MARQUARDT INDUSTRIAL PRODUCTS INC
PS0334	PASSIVATED, OD8664, NAVAL ORDNANCE SYSTEMS COMMAND
PS0331	PASSIVATED, OD15444, TYPE 16, NAVAL ORDNANCE SYSTEMS COMMAND
PS0007	PASSIVATED, QQ-P-35
PS0005	PASSIVATED, QQ-P-35, TYPE 2
PS0014	PASSIVATED, SD1069, LEAR SIEGLER, INC, INSTRUMENTS DIV
PS0054	PASSIVATED, 580-0025-00, COLLINS RADIO CO
PS0031	PASSIVATED, 990104, LITTON SYSTEMS, INC, GUIDANCE AND CONTROL SYSTEMS DIV
PH0000	PHOSPHATE
PH0083	PHOSPHATE DIP, ALODINE, 600F21, TEXAS INSTRUMENTS INC, GOVT DIV OF EQUIPMENT GROUP
PH0087	PHOSPHATE DIP, BORG-WARNER CONTROLS DIV OF BORG-WARNER CORP
	Phosphate, MIL-C-16232, Type 2 (use Reply Code PH0061)
PH0023	PHOSPHATE, MIL-F-14072, FINISH E211
PH0003	PHOSPHATE, MIL-P-16232, TYPE M, CLASS 1
PH0004	PHOSPHATE, MIL-P-16232, TYPE M, CLASS 2
PH0005	PHOSPHATE, MIL-P-16232, TYPE M, CLASS 3
PH0061	PHOSPHATE, MIL-P-16232, TYPE Z
PH0012	PHOSPHATE, MIL-P-16232, TYPE Z, CLASS 2
PH0013	PHOSPHATE, MIL-P-16232, TYPE Z, CLASS 3
PCAH00	PLASTIC, POLYTETRAFLUOROETHYLENE

REPLY CODE	REPLY (AD09)
PK0000	POTASH DIP
RHA000	RHODIUM PLATED
AG0016	SILVER, MIL-F-14072, M311
AG0032	SILVER, MIL-F-14072, M351
AG0090	SILVER, M351, ITT AVIONICS DIVISION OF INTERNATIONAL TELEPHONE AND TELEGRAPH CORP
AGE000	SILVER PLATED
AG0010	SILVER, QQ-S-365, TYPE 3, GRADE B
AG0089	SILVER, 580-0105-000, COLLINS RADIO GROUP, ROCKWELL INTERNATIONAL CORP
SN0000	TIN
ZN0000	ZINC
	Zinc Alloy (use Reply Code ZN0000)
ZNA000	ZINC CHROMATE
ZN0209	ZINC CHROMATE, F-20 3A, SINGER CO, THE SIMULATION PRODUCTS DIV
ZN0017	ZINC CHROMATE, PRIMER, TT-P-666
ZNC000	ZINC, DICHROMATE TREATED
ZN0055	ZINC PHOSPHATE, TT-C-490, TYPE 1
	Zinc Phosphate (use Reply Code PH0000)
ZN0011	ZINC, QQ-Z-325, TYPE 2, CHROMATE TREATED
ZN0005	ZINC, QQ-Z-325, TYPE 2, CLASS 2
ZN0006	ZINC, QQ-Z-325, TYPE 2, CLASS 3
ZN0009	ZINC, QQ-Z-325, TYPE 3, CLASS 3

Table 3 - FURNISHED ITEMS

FURNISHED ITEMS

REPLY CODE	REPLY (AB28)
ABR	BOLT
ACA	FLAT WASHER
AFX	HEADLESS STRAIGHT PIN
ACB	LOCK WASHER
AGA	MACHINE SCREW
ABW	NUT
AFJ	SETSCREW
AFZ	SOCKET HEAD CAP SCREW
AFW	SPRING PIN
AFY	TAPERED PIN

Table 4 - TAPER PIN NUMBERS

TAPER PIN NUMBERS

REPLY CODE	REPLY (AP16)	(DIA OF LARGE END)
AB	9/0	(0.031)
AC	8/0	(0.047)

REPLY CODE	REPLY (AP16)	(DIA OF LARGE END)
AD	7/0	(0.062)
AE	6/0	(0.078)
AF	5/0	(0.094)
AG	4/0	(0.109)
AH	3/0	(0.125)
AJ	2/0	(0.141)
AK	0	(0.156)
AL	1	(0.172)
AM	2	(0.193)
AN	3	(0.219)
AP	4	(0.250)
AQ	5	(0.289)
AR	6	(0.341)
AS	7	(0.409)
AT	8	(0.492)
AW	9	(0.591)
AX	10	(0.706)
AY	11	(0.860)
AZ	12	(1.032)
BA	13	(1.241)
BB	14	(1.523)

Table 5 - NONDEFINITIVE SPEC/STD DATA

NONDEFINITIVE SPEC/STD DATA

REPLY CODE	REPLY (AD08)
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN

REPLY CODE	REPLY (AD08)
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE
GP	GROUP
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
ML	MATERIAL
MH	MESH
ME	METHOD
MD	MODEL
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE

REPLY CODE	REPLY (AD08)
SS	SUBCLASS
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

Table 6 - HOLE LOCATION

HOLE LOCATION

REPLY CODE	REPLY (AN73)
AHL	ALL HOLES
SNH	SINGLE HOLE
AFA	1ST HOLE
AFB	2ND HOLE
AFC	3RD HOLE
AFD	4TH HOLE
AFE	5TH HOLE
AFF	6TH HOLE
AFG	7TH HOLE
AFH	8TH HOLE

Reference Drawing Groups

REFERENCE DRAWING GROUPS A AND B Tables
COLLARS; HUB CLAMPS

INDEX OF MASTER REQUIREMENT CODES

Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value to four decimal places for MRC ABXV and to three decimal places for all other J Mode MRCs. For metric replies, show numeric value to two decimal places for MRC ABXV and to one decimal place for all other J Mode MRCs. (e.g., ABXVJAA0.3125*; ABXVJLA90.06*; ABXVJAB0.3120$$JAC0.3130*; ABKVJAA0.125*; ABKVJLA39.0*; ABKVJAB0.124$$JAC0.126*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

MRC	Mode Code	Name of Dimension
ABGG	J	RADIUS
ABHP	J	OVERALL LENGTH
ABKV	J	OUTSIDE DIAMETER
ABMK	J	OVERALL WIDTH
ABNM	J	THICKNESS
ABPH	J	SMALL END DIAMETER
ABXV	J	BORE DIAMETER
AEUY	J	DISTANCE FORM BORE CENTERLINE TO END
AEUZ	J	LARGEST DIAMETER LENGTH
AHYK	J	CENTER TO CENTER DISTANCE BETWEEN SHAFT HOLE AND BORE

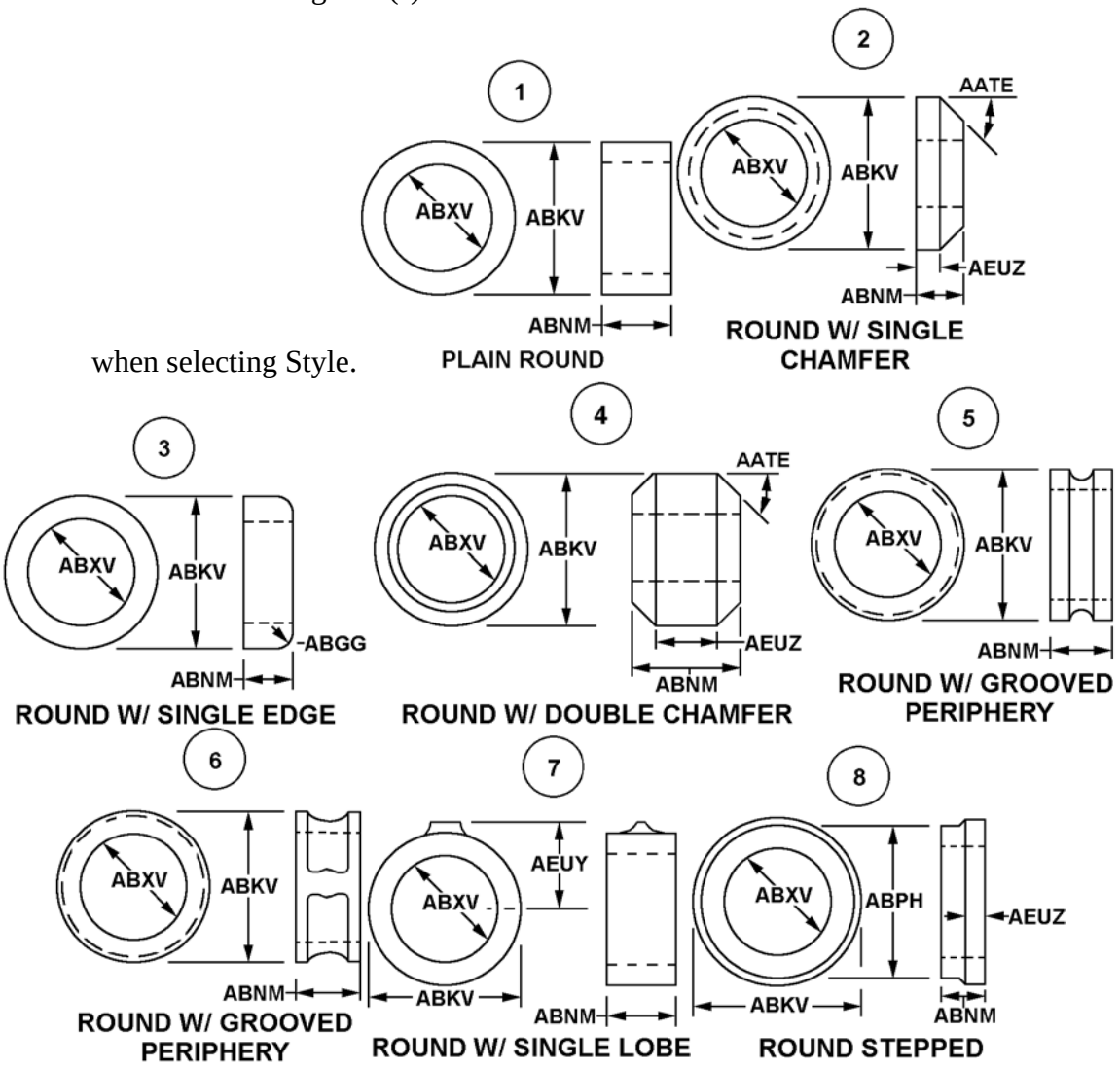
Enter the numeric value. (e.g., AATEB45.0*)

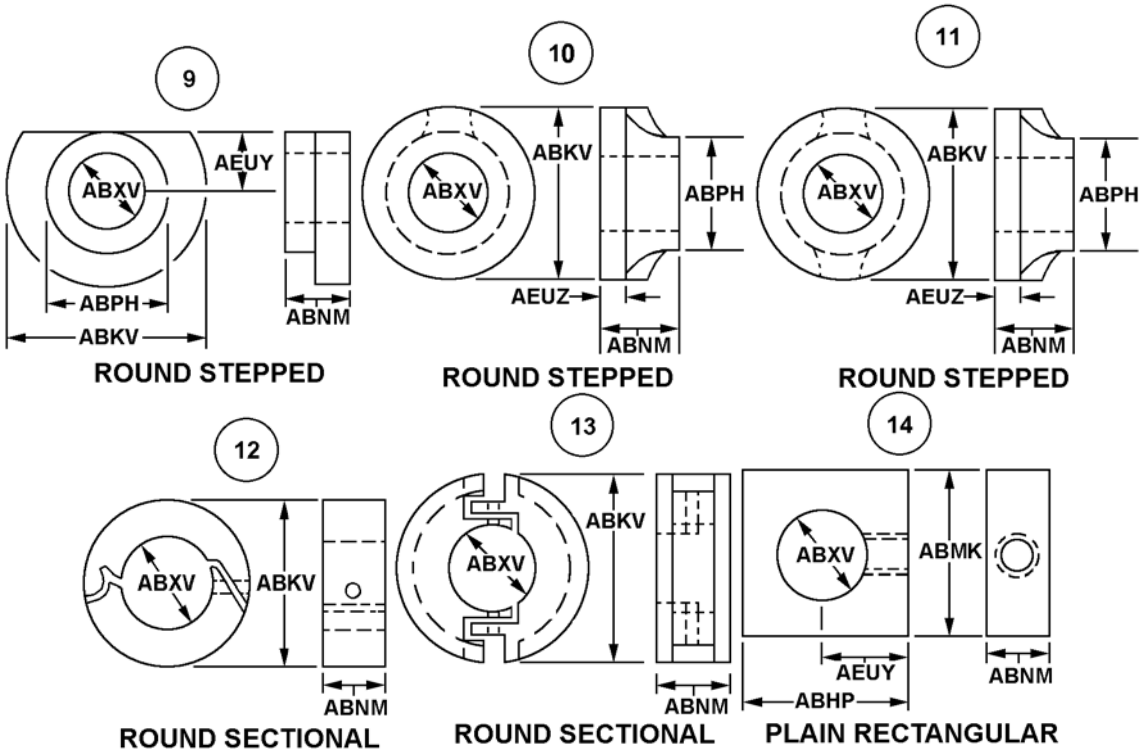
MRC	Mode Code	Name of Dimension
AATE	B	CHAMFER ANGLE IN DEG

REFERENCE DRAWING GROUP A

COLLARS

1. For Style 1: The ratio of ABNM over ABKV shall not be more than 1:1.
2. For Styles 2, 3, and 4: Undimensioned corners have sharp edges broken and for corners having a 1/32 inch or less dimension, use Style 1.
3. Characteristics of securing hole(s) such as threads and/or counterbore shall not be considered when selecting Style.

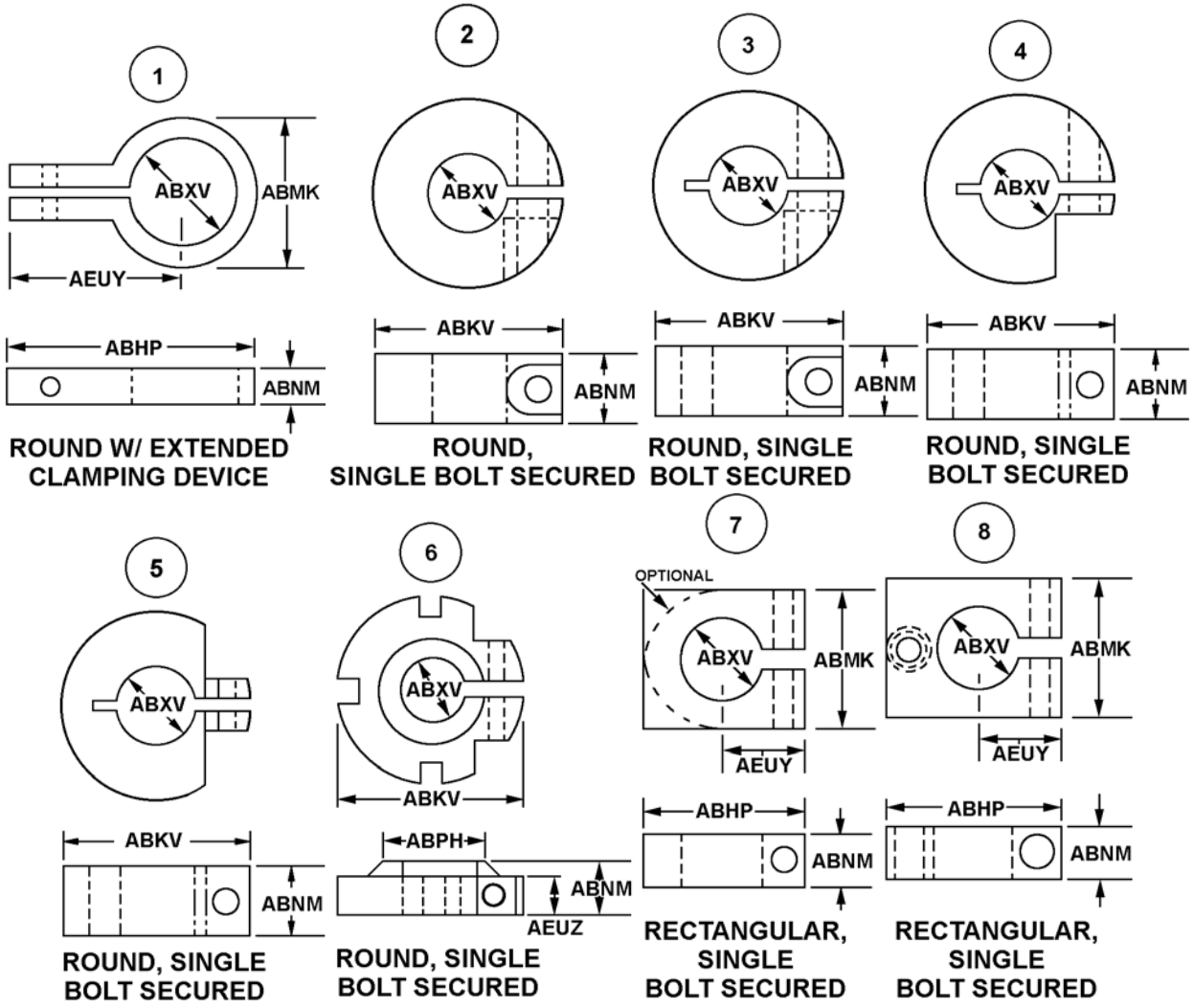


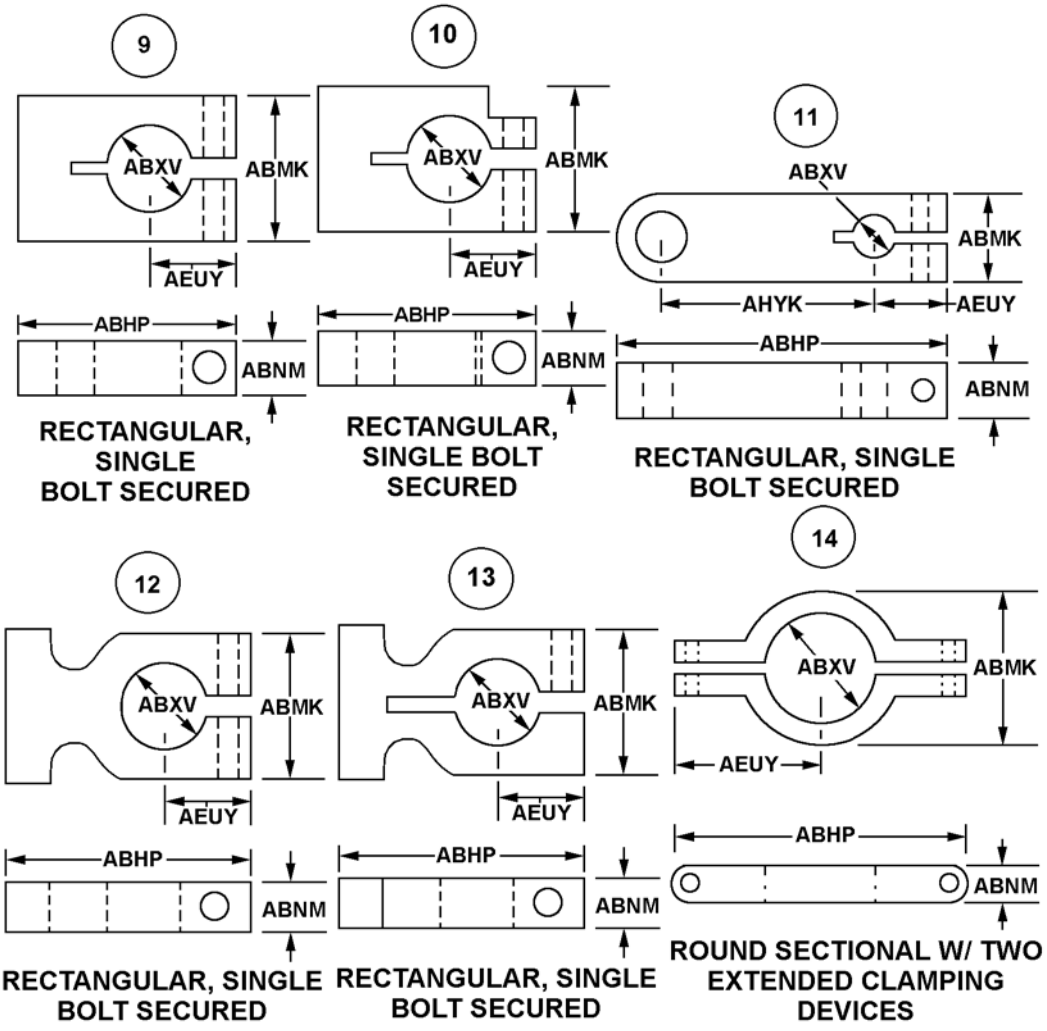

9
AEUY
ABXV
ABPH
ABKV
ABNM
ROUND STEPPED
10
ABKV
ABXV
ABPH
AEUZ
ABNM
ROUND STEPPED
11
ABKV
ABXV
ABPH
AEUZ
ABNM
ROUND STEPPED
12
ABXV
ABKV
ABNM
ROUND SECTIONAL
13
ABKV
ABXV
ABNM
ROUND SECTIONAL
14
ABXV
ABMK
AEUY
ABNM
ABHP
PLAIN RECTANGULAR

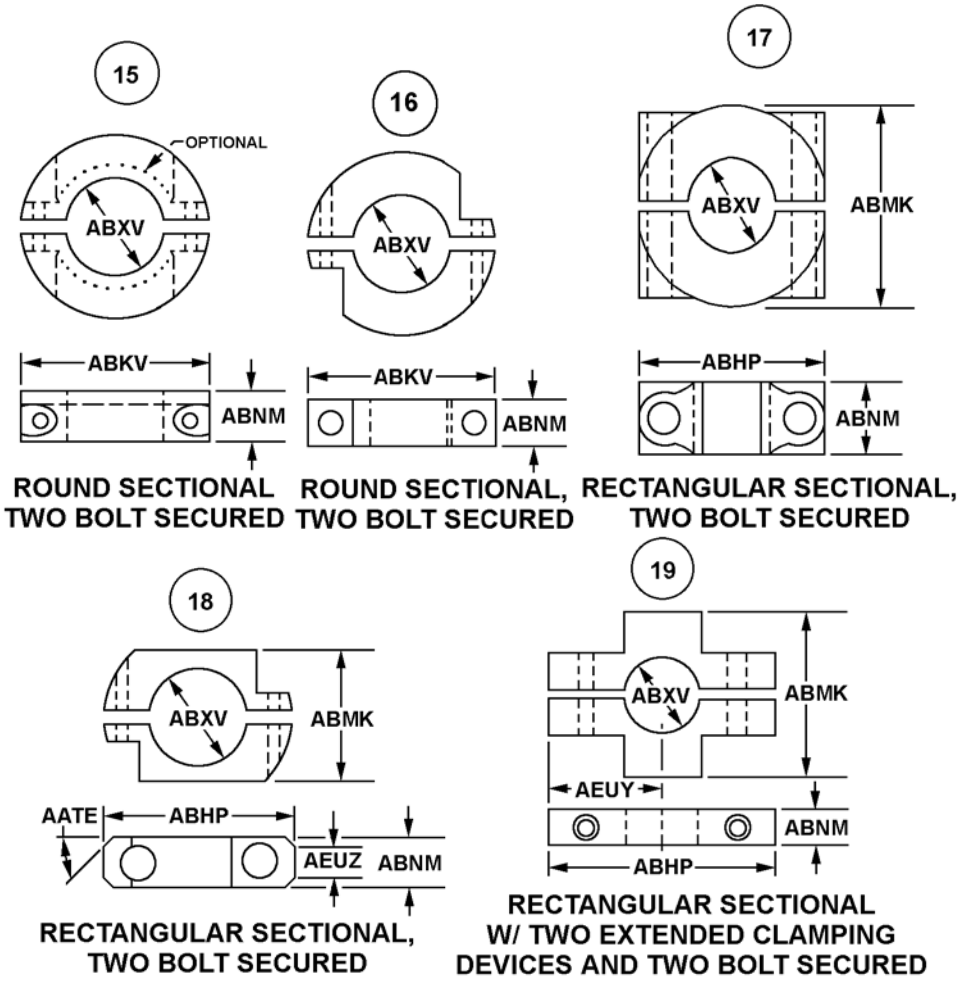
REFERENCE DRAWING GROUP B

HUB CLAMPS

NOTE: Characteristics of securing hole(s) such as threads and/or counterbore shall not be considered when selecting Style.



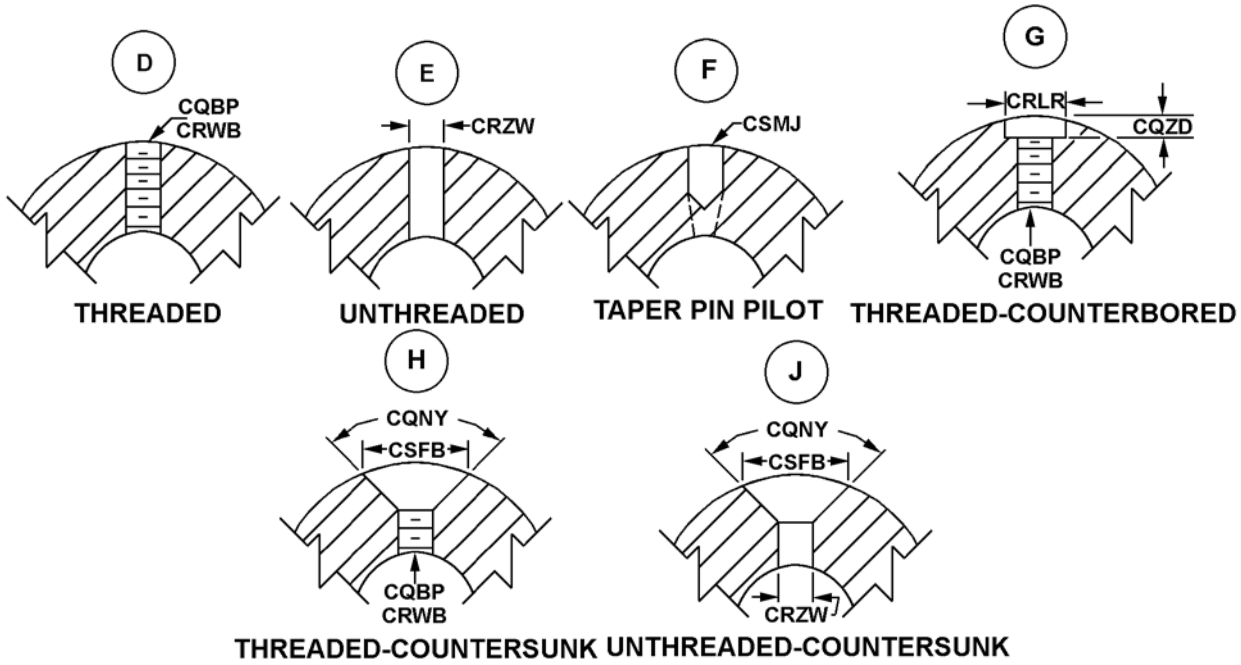

9
ABXV
ABMK
AEUY
ABHP
ABNM
RECTANGULAR, SINGLE BOLT SECURED
10
ABXV
ABMK
AEUY
ABHP
ABNM
RECTANGULAR, SINGLE BOLT SECURED
11
ABXV
ABMK
AHYK
AEUY
ABHP
ABNM
RECTANGULAR, SINGLE BOLT SECURED
12
ABXV
ABMK
AEUY
ABHP
ABNM
RECTANGULAR, SINGLE BOLT SECURED
13
ABXV
ABMK
AEUY
ABHP
ABNM
RECTANGULAR, SINGLE BOLT SECURED
14
ABXV
ABMK
AEUY
ABHP
ABNM
ROUND SECTIONAL W/ TWO EXTENDED CLAMPING DEVICES


15
OPTIONAL
ABXV
ABKV
ABNM
ROUND SECTIONAL
TWO BOLT SECURED
16
ABXV
ABKV
ABNM
ROUND SECTIONAL,
TWO BOLT SECURED
17
ABXV
ABMK
ABHP
ABNM
RECTANGULAR SECTIONAL,
TWO BOLT SECURED
18
ABXV
ABMK
AATE
ABHP
AEUZ
ABNM
RECTANGULAR SECTIONAL,
TWO BOLT SECURED
19
ABXV
ABMK
AEUY
ABNM
ABHP
RECTANGULAR SECTIONAL
W/ TWO EXTENDED CLAMPING
DEVICES AND TWO BOLT SECURED

REFERENCE DRAWING GROUP C

COLLAR SECURING HOLES

NOTE: Dimensional MRCs are for reference purposes only and relate to requirements in Section I.



REFERENCE DRAWING GROUP D Tables
CLAMP SECURING HOLES

INDEX OF MASTER REQUIREMENT CODES

Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADCQJAA0.1250*; ADCQJLA39.06*; ADCQJAB0.1242$$JAC0.1258*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

MRC	Mode Code	Name of Dimension
AAWY	J	COUNTERBORE DIAMETER
AAWZ	J	COUNTERBORE DEPTH
ADCQ	J	PLAIN HOLE DIAMETER

Enter the applicable Reply Code from the table below. (e.g., AJYPDNC*)

REPLY CODE	REPLY (AH06)
SM	ISO M
SS	ISO S
UN	UN
NC	UNC
NE	UNEF
NF	UNF

MRC	Mode Code	Name of Dimension
AJYP	D	SCREW THREAD SERIES DESIGNATOR

Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., CQJXJA0.250*; CQJXJL39.0*)

REPLY CODE	REPLY (AA05)
A	INCHES

REPLY CODE	REPLY (AA05)
L	MILLIMETERS

MRC	Mode Code	Name of Dimension
CQJX	J	NOMINAL THREAD SIZE

NOTE FOR MRC CMLP: REPLY TO MRC CMLP IF REPLY CODE UN IS ENTERED FOR MRC AJYP

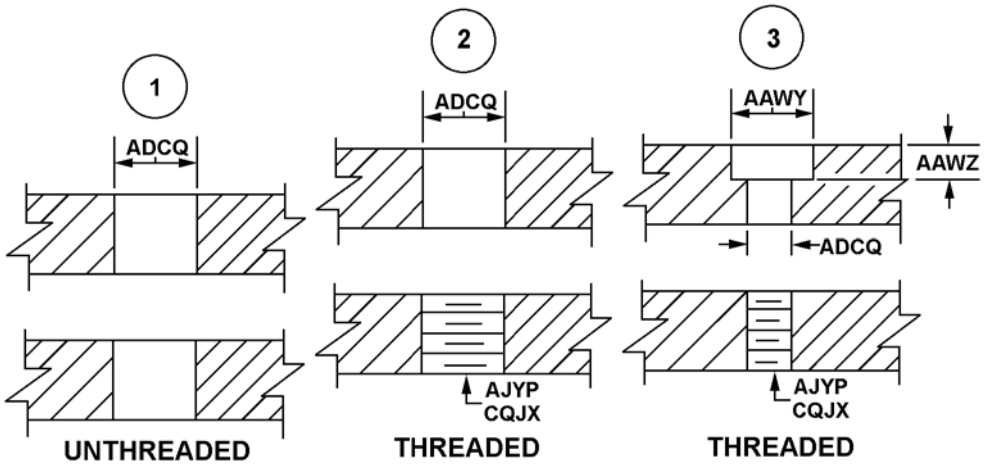
NOTE FOR MRC CQQR: REPLY TO MRC CQQR IF REPLY CODE SM OR SS IS ENTERED FOR MRC AJYP

Enter the quantity. (e.g., CMLPA20*)

MRC	Mode Code	Name of Dimension
CMLP	A	THREAD QUANTITY PER INCH
CQQR	B	THREAD PITCH IN MILLIMETERS

REFERENCE DRAWING GROUP D

CLAMP SECURING HOLES



Technical Data Tables

STANDARD FRACTION TO DECIMAL CONVERSION CHART

4ths	8ths	16ths	32nds	64ths	To 3	To 4	4ths	8ths	16ths	32nds	64ths	To 3	To 4
				1/64	.016	.0156					33/64	.516	.5156
			1/32	-----	.031	.0312				17/32	------	.531	.5312
				3/64	.047	.0469					35/64	.547	.5469
		1/16	-----		.062	.0625			9/16	-----	-----	.562	.5625
				5/64	.078	.0781					37/64	.578	.5781
			3/32	-----	.094	.0938				19/32	------	.594	.5938
				7/64	.109	.1094					39/64	.609	.6094
	1/8	-----	-----	-----	.125	.1250		5/8	-----	-----	-----	.625	.6250
				9/64	.141	.1406					41/64	.641	.6406
			5/32	-----	.156	.1562				21/32	------	.656	.6562
				11/64	.172	.1719					43/64	.672	.6719
		3/16	-----	-----	.188	.1875			11/16	-----	-----	.688	.6875
				13/64	.203	.2031					45/64	.703	.7031
			7/32	------	.219	.2188				23/32	------	.719	.7188
				15/64	.234	.2344					47/64	.734	.7344
1/4	-----	-----	-----	-----	.250	.2500	3/4	-----	-----	-----	-----	.750	.7500
				17/64	.266	.2656					49/64	.766	.7656
			9/32	------	.281	.2812				25/32	------	.781	.7812
				19/64	.297	.2969					51/64	.797	.7969
		5/16	-----	-----	.312	.3125			13/16	-----	-----	.812	.8125
				21/64	.328	.3281					53/64	.828	.8281
			11/32	------	.344	.3438				27/32	------	.844	.8438
				23/64	.359	.3594					55/64	.859	.8594
	3/8	-----	-----	-----	.375	.3750		7/8	-----	-----	-----	.875	.8750
				25/64	.391	.3906					57/64	.891	.8906
			13/32	------	.406	.4062				29/32	------	.906	.9062
				27/64	.422	.4219					59/64	.922	.9219
		7/16	-----	-----	.438	.4375			15/16	-----	-----	.938	.9375
				29/64	.453	.4531					61/64	.953	.9531
			15/32	------	.469	.4688				31/32	------	.969	.9688
				31/64	.484	.4844					63/64	.984	.9844
					.500	.5000						1.000	1.0000

FIIG Change List

FIIG Change List, Effective January 1, 2010

Remove SAC Coding from MRC's AHYG, CQKB, CRZW, CRLR, CQZD, CSFB, CQBP, CRWB, CQTP, ACYD, CQNY, and CSMJ and Change to AND Coding.